#### 2024 Interdisciplinary Contest in Modeling (ICM)® Press Release—May 3, 2024

COMAP is pleased to announce the results of the 26th annual Interdisciplinary Contest in Modeling (ICM). This year 10,388 teams representing institutions from thirteen countries/regions participated in the contest. Eighteen teams earned OUTSTANDING designations or won an award as a FINALIST, their institutions are:

East China Normal University, China (INFORMS Award) Harvey Mudd College, CA, USA

(COMAP Scholarship Award & MAA Award) Hunan Normal University, China (AMS Award)

Jiangsu Normal University, China

National University of Defense Technology, China (AMS Award)

Renmin University of China, China (3 Teams)

(COMAP Scholarship Award & SIAM Award 2409949) Shanghai Jiao Tong University, China (Vilfredo Pareto Award)

**Shenzhen University, China (SIAM Award)** 

Soochow University, China (INFORMS Award)

Tsinghua University, China (Leonhard Euler Award)

Xi'an University of Posts and Telecommunications, China
(INFORMS Award)

Xi'an Jiaotong University, China (AMS Award) Zhejiang Sci-Tech University, China (Rachel Carson Award)

Brandeis University, MA, USA (Finalist - MAA Award) Columbia University, NY, USA (Finalist - MAA Award) Ningbo University, China (Finalist - SIAM Award)

This year's contest ran over a single weekend Thursday, February 1 to Monday, February 5, 2024. During that time, teams of three students researched, modeled, and wrote a solution to an open-ended interdisciplinary modeling problem. The 2024 ICM was an online contest, where teams registered and obtained contest materials through COMAP's ICM Website.

ICM teams chose one of the following three problems: The D problem required teams to develop a dynamic model of the water levels in the Great Lakes. After determining the optimal water levels for the system, teams established algorithms that could be used by the two existing water-level control mechanisms to maintain optimal levels within the system. The E problem required teams to reconcile the needs of the property insurance industry with the needs of communities located in areas that are experiencing a rising number of extreme weather events.

The teams developed models from both points of view and used the insights gained from the results of applying each to a historical landmark to make recommendations to community leaders regarding the landmark's future. The F problem required teams to develop a 5-year plan to make a notable reduction in illegal wildlife trade. Teams identified a client and an appropriate project given the powers, resources, and interests of the chosen client organization. Teams modeled the potential impact of their plan and identified additional powers and resources their chosen client would require for the project to be as successful as possible. For all three problems, the student teams produced creative and relevant solutions to these complex questions and built models to handle the tasks assigned in the problems. The problems also required data analysis, creative modeling, and scientific methodology, along with effective writing and visualization to communicate their team's results in a 25-page report.

A selection of the Outstanding summaries will be featured in *The UMAP Journal*, along with commentaries from the problem authors and judges. This year's judges remarked that due to the multi-disciplinary nature of the problems, teams solved these problems using a variety of methods and tools. This allowed teams to showcase their strengths in many diverse areas including climate science, data science, dynamical systems, economics, environmental science, network science, policy, statistics, and sustainability.

#### **2024 ICM Statistics**

- 10388 Teams Participated
- 1971 Problem D (19%)
- 5436 Problem E (52%)
- 2981 Problem F (29%)
- 15 Outstanding Winners (<1%)
- 196 Finalist Winners (2%)
- 751 Meritorious Winners (7%)
- 2380 Honorable Mentions (23%)
- 6059 Successful Participants (58%)
- 79 Unsuccessful Participants (<1%)</li>
- 895 Disqualified Teams (9%)
- 13 Not Judged (<1%)

ICM is associated with COMAP's Mathematical Contest in Modeling (MCM), which was held during the same weekend. ICM is designed to develop interdisciplinary problem-solving skills in science, technology, engineering, mathematics (STEM) and the humanities, as well as competence in data science and written communication. Over the years the ICM problem topics have included environmental science, biology, chemistry, political science, operations research, information science, public health, sports analytics, network science and sustainability. Each team is encouraged to include team members from a range of disciplinary and interdisciplinary interests in applied problem solving and modeling. To obtain additional information and a listing of all the team designations, please visit the ICM Website at: <a href="https://www.mcmcontest.org">www.mcmcontest.org</a>.

Major start-up funding for the ICM was provided by a grant from the National Science Foundation (through Project INTERMATH) and COMAP. Additional support is provided by the Institute for Operations Research and the Management Sciences (INFORMS), The Society for Industrial and Applied Mathematics (SIAM), The Mathematical Association of America (MAA) and The American Mathematical Society (AMS). COMAP's Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling are unique among modeling competitions in that students work in teams to find a solution. Centering its educational philosophy on mathematical modeling, COMAP uses mathematical tools to explore real-world problems. It serves the educational community as well as the world of work by preparing students to become better informed—and prepared—citizens, consumers, workers, and community leaders.



COMAP Interim Executive Director
Paul Kehle, COMAP, Inc., MA
COMAP Founding Director
Solomon Garfunkel, COMAP, Inc., MA
Contest Director
Kayla Blyman, Saint Martin's University, WA
Associate Contest Director

Hilary Fletcher, Richmond, VA

#### Problem Directors

Chris Arney, Blind Sodus Bay, NY
Lucas Castle, North Carolina State University, NC
Keith Erickson, Georgia Gwinnett College, GA
Kristin Fetherston-Arney, Olympia, WA
Kasie Hartling, Onsemi, NY
Jessica Libertini, Tampa, FL
Troy Siemers, Virginia Military Institute, VA

| Ctrl #  | institution                                 | Country/Region | Advisor          | Problem | designation        |                                |
|---------|---|----------------|------------------|---------|--------------------|--------------------------------|
| 2417004 | East China Normal University                | China          | Jingsi Ming      | D       | Outstanding Winner | INFORMS Award                  |
| 2417831 | Tsinghua University                         | China          | Liang Heng       | D       | Outstanding Winner | Leonhard Euler Award           |
| 2419588 | National University of Defense Technology   | China          | Liang Yan        | D       | Outstanding Winner | AMS Award                      |
| 2429211 | Harvey Mudd College                         | USA            | Susan Martonosi  | D       | Outstanding Winner | MAA Award<br>COMAP Scholarship |
| 2401540 | Fudan University                            | China          | Zhijie Cai       | D       | Finalist           |                                |
| 2401886 | China University of Geosciences, Wuhan      | CHINA          | Yunliang Chen    | D       | Finalist           |                                |
| 2402699 | Nanjing University of Posts and             | China          | mzg@njupt.edu.cn | D       | Finalist           |                                |
| 2402960 | Ningbo University                           | China          | Xiaoyu Zhu       | D       | Finalist           | SIAM Award                     |
| 2403715 | Beijing Normal University Zhuhai campus     | China          | Song Qing        | D       | Finalist           |                                |
| 2405962 | Dalian University of Technology             | China          | Yonggang Fan     | D       | Finalist           |                                |
| 2406719 | Nanjing University of Information Science & | China          | Xiaoxin Zhu      | D       | Finalist           |                                |
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|--|---|-------------------------------|---|---------|--|
| 2406837                                  | Zhejiang University of Technology   | China                         | Shou-Feng Shen  | D       | Finalist                               |
| 2408330                                  | Ningbo University of Technology   | China                         | Jun Chen  | D       | Finalist                               |
| 2408906                                  | 6 Wenzhou University  | China                         | Hanli Zhao  | D       | Finalist                               |
| 2409422                                  | ? Tianjin University  | China                         | Zhao Hui  | D       | Finalist                               |
| 2409779                                  | Xidian University   | China                         | Yanhui Chen   | D       | Finalist                               |
| 2409873                                  | Sichuan University  | China                         | Pengkun Wu  | D       | Finalist                               |
| 2410658                                  | S Shenzhen University   | China                         | Ailin Zhang   | D       | Finalist                               |
| 2410805                                  | Shenzhen University   | China                         | Ailin Zhang   | D       | Finalist                               |
| 2412351                                  | South China University of Technology  | China                         | Weijian Ding  | D       | Finalist                               |
| 2413321                                  | Ocean University of China   | China                         | Yongchang Cao   | D       | Finalist                               |
| 2415373                                  | Ocean University of China   | China                         | Kebo Lv   | D       | Finalist                               |
| 2410658<br>2410805<br>2412351<br>2413321 | Sichuan University  Shenzhen University  Shenzhen University  South China University of Technology  Ocean University of China | China China China China China | Pengkun Wu  Ailin Zhang  Ailin Zhang  Weijian Ding  Yongchang Cao | D D D   | Finalist  Finalist  Finalist  Finalist |

| Ctrl #  | institution                          | Country/Region | Advisor         | Problem | designation |
|---------|--------------------------------------|----------------|-----------------|---------|-------------|
| 2415443 | Beijing Jiaotong University          | China          | Bingli Fan      | D       | Finalist    |
| 2417154 | Shanghai Jiao Tong University        | China          | Xiongziyan Xiao | D       | Finalist    |
| 2417174 | Wuhan University                     | China          | Xuming Yi       | D       | Finalist    |
| 2417562 | Southeast University                 | China          | Rui Du          | D       | Finalist    |
| 2417778 | Anhui University                     | China          | Zhifu Tao       | D       | Finalist    |
| 2418077 | Zhejiang University                  | China          | Wei Yu          | D       | Finalist    |
| 2418844 | Southeast University                 | China          | Rui Du          | D       | Finalist    |
| 2419139 | Xiamen University                    | China          | Zhong Tan       | D       | Finalist    |
| 2422095 | South China University of Technology | China          | Yuanpeng Zhu    | D       | Finalist    |
| 2423560 | University of Electronic Science and | China          | Li Mingqi       | D       | Finalist    |
| 2424021 | Guilin Tourism University            | China          | Chunli Wang     | D       | Finalist    |
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| institution                               | Country/Region   | Advisor  | Problem   | designation  |
|---|--|--|---|--|
| National University of Defense Technology | China  | Ziyang Mao   | D   | Finalist   |
| University of Cambridge                   | China  | Chit Long Isaac Ng   | D   | Finalist   |
| Xi'an Jiaotong University                 | China  | Lei Chen   | D   | Finalist   |
| Xidian University                         | China  | Wenyan Xu  | D   | Finalist   |
| Lanzhou University                        | China  | Haoming Cen  | D   | Meritorious Winner   |
| University of Nottingham                  | China  | Brendan Ryan   | D   | Meritorious Winner   |
| Tianjin University                        | China  | YuxinLi  | D   | Meritorious Winner   |
| Northwestern Polytechnical University     | China  | Hao Sun  | D   | Meritorious Winner   |
| Northwestern Polytechnical University     | China  | Mei Yu   | D   | Meritorious Winner   |
| Zhejiang Sci-Tech University              | China  | Yanlai Peng  | D   | Meritorious Winner   |
| Science                                   | China  | Changwei He  | D   | Meritorious Winner   |
|   | National University of Defense Technology  University of Cambridge  Xi'an Jiaotong University  Xidian University  Lanzhou University  University of Nottingham  Tianjin University  Northwestern Polytechnical University  Northwestern Polytechnical University  Zhejiang Sci-Tech University | National University of Defense Technology  China  University of Cambridge  China  Xi'an Jiaotong University  China  Xidian University  China  Lanzhou University  China  University of Nottingham  China  Tianjin University  China  Northwestern Polytechnical University  China  Zhejiang Sci-Tech University  China | National University of Defense Technology  China  Chit Long Isaac Ng  China  Lei Chen  Xidian University  China  Wenyan Xu  Lanzhou University  China  Haoming Cen  University of Nottingham  China  Brendan Ryan  Tianjin University  China  Hao Sun  Northwestern Polytechnical University  China  Mei Yu  Zhejiang Sci-Tech University  China  Yanlai Peng | National University of Defense Technology  China  Chit Long Isaac Ng  D  Xi'an Jiaotong University  China  Lei Chen  D  Xidian University  China  Wenyan Xu  D  Lanzhou University  China  Haoming Cen  D  University of Nottingham  China  Brendan Ryan  D  Tianjin University  China  Hao Sun  D  Northwestern Polytechnical University  China  Mei Yu  D  Zhejiang Sci-Tech University  China  Yanlai Peng  D |

| institution                                 | Country/Region   | Advisor   | Problem  | designation   |
|---|--|---|--|---|
| Huazhong University of Science and          | China  | Yueshan Xiong   | D  | Meritorious Winner  |
| SUN YAT-SEN UNIVERSITY                      | China  | Zhihong Luo   | D  | Meritorious Winner  |
| South China University of Technology        | China  | Caibin Zeng   | D  | Meritorious Winner  |
| Ningbo University                           | China  | Wenchang Luo  | D  | Meritorious Winner  |
| University of Sydney                        | China  | ZiHan Huang   | D  | Meritorious Winner  |
| South China University of Technology        | China  | Shenquan Liu  | D  | Meritorious Winner  |
| Fudan University                            | China  | Zhijie Cai  | D  | Meritorious Winner  |
| Shandong Institute of Petroleum and         | China  | Xiaorui Dong  | D  | Meritorious Winner  |
| Nanjing University of Information Science & | China  | Wenlong Fei   | D  | Meritorious Winner  |
| Communication University of China           | China  | Qingmiao Jiang  | D  | Meritorious Winner  |
| BNU-HKBU United International College       | China  | UIC Math Modeling Team  | D  | Meritorious Winner  |
|   | Huazhong University of Science and  SUN YAT-SEN UNIVERSITY  South China University of Technology  Ningbo University  University of Sydney  South China University of Technology  Fudan University  Shandong Institute of Petroleum and  Nanjing University of Information Science &  Communication University of China | Huazhong University of Science and China  SUN YAT-SEN UNIVERSITY China  South China University of Technology China  University of Sydney China  South China University of Technology China  Fudan University of Technology China  Fudan University China  Shandong Institute of Petroleum and China  Nanjing University of Information Science & China  Communication University of China China | Huazhong University of Science and  China  Yueshan Xiong  SUN YAT-SEN UNIVERSITY  China  Caibin Zeng  Ningbo University  China  University  China  China  Wenchang Luo  China  University of Sydney  China  C | Huazhong University of Science and China Yueshan Xiong D  SUN YAT-SEN UNIVERSITY China Zhihong Luo D  South China University of Technology China Caibin Zeng D  Ningbo University China Wenchang Luo D  University of Sydney China ZiHan Huang D  South China University of Technology China Shenquan Liu D  Fudan University China Zhijie Cai D  Shandong Institute of Petroleum and China Xiaorui Dong D  Nanjing University of Information Science & China Wenlong Fei D  Communication University of China Qingmiao Jiang D |

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|---------|--|----------------|--------------|---------|--------------------|
| 2404020 | ShanghaiTech University                | China          | Yu Liu       | D       | Meritorious Winner |
| 2404901 | Harbin Engineering University          | China          | Liu Dongping | D       | Meritorious Winner |
| 2404935 | Harbin Engineering University          | China          | Liu Dongping | D       | Meritorious Winner |
| 2405004 | Harbin Engineering University          | China          | Zhang Haohui | D       | Meritorious Winner |
| 2405305 | South China University of Technology   | China          | Xiaolan Liu  | D       | Meritorious Winner |
| 2405331 | China University of Geosciences, Wuhan | China          | ZiXuan Wang  | D       | Meritorious Winner |
| 2405346 | Donghua University                     | China          | Nan Li       | D       | Meritorious Winner |
| 2405792 | Xi'an Jiaotong University              | China          | Lei Chen     | D       | Meritorious Winner |
| 2405859 | Beijing Institute of Technology        | CHINA          | Yan Zhizhong | D       | Meritorious Winner |
| 2405881 | Dalian University of Technology        | China          | Qiuhui Pan   | D       | Meritorious Winner |
| 2406056 | Nanjing University of Posts and        | China          | Lihua Min    | D       | Meritorious Winner |
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|---------|---|----------------|--------------------------|---------|--------------------|
| 2406188 | Shanghai Lixin University of Accounting | China          | Jueyu Wang               | D       | Meritorious Winner |
| 2406190 | Shanghai Lixin University of Accounting | China          | Jueyu Wang               | D       | Meritorious Winner |
| 2406229 | Nanjing University of Posts and         | China          | Qinglun Yan              | D       | Meritorious Winner |
| 2406441 | Southeast University                    | China          | Rui Du                   | D       | Meritorious Winner |
| 2406863 | Zhejiang University of Technology       | China          | Xuejun Wu                | D       | Meritorious Winner |
| 2406947 | Nanjing University of Science and       | CHINA          | Xiaocan Jin              | D       | Meritorious Winner |
| 2406950 | South China University of Technology    | China          | Yuanpeng Zhu             | D       | Meritorious Winner |
| 2407034 | Nanjing University of Science and       | China          | Liwei Liu                | D       | Meritorious Winner |
| 2407085 | Nanjing Forestry University             | China          | Jianzhu Sun              | D       | Meritorious Winner |
| 2407966 | South China Agricultural University     | China          | Wang Xueqin              | D       | Meritorious Winner |
| 2408160 | Zhengzhou University                    | China          | Binghan Xue; Chengguo Su | D       | Meritorious Winner |

| institution                        | Country/Region   | Advisor  | Problem  | designation   |
|------------------------------------|--|--|--|---|
| Shanghai Jiao Tong University      | China  | Xiaofeng Gao   | D  | Meritorious Winner  |
| Central University of Finance and  | China  | Na Xie   | D  | Meritorious Winner  |
| Xuzhou Medical University          | China  | Zongliang Wen  | D  | Meritorious Winner  |
| Xiamen University                  | China  | Zhong Tan  | D  | Meritorious Winner  |
| Southwest Jiaotong University      | China  | Wei Shuoxiao   | D  | Meritorious Winner  |
| China Jiliang University           | China  | Xueyi Liu  | D  | Meritorious Winner  |
| Shanghai Jiao Tong University      | China  | Xiaofeng Gao   | D  | Meritorious Winner  |
| Nanjing University                 | China  | Yibing Zhu   | D  | Meritorious Winner  |
| Wuhan Polytechnic University       | China  | Zhen Kang  | D  | Meritorious Winner  |
| Harbin Institute of Technology     | China  | Guo Zhichang   | D  | Meritorious Winner  |
| Guangdong University of Technology | China  | Weihua He  | D  | Meritorious Winner  |
|                                    | Shanghai Jiao Tong University  Central University of Finance and  Xuzhou Medical University  Xiamen University  Southwest Jiaotong University  China Jiliang University  Shanghai Jiao Tong University  Nanjing University  Wuhan Polytechnic University  Harbin Institute of Technology | Shanghai Jiao Tong University  Central University of Finance and  Xuzhou Medical University  China  Xiamen University  China  Southwest Jiaotong University  China  China Jiliang University  China  Shanghai Jiao Tong University  China  Nanjing University  China  Wuhan Polytechnic University  China  Harbin Institute of Technology  China | Shanghai Jiao Tong University  China  Central University of Finance and  China  China  China  Congliang Wen  China  China | Shanghai Jiao Tong University  China  Xiaofeng Gao  D  Central University of Finance and  China  Na Xie  D  Xuzhou Medical University  China  Zongliang Wen  D  Xiamen University  China  Zhong Tan  D  Southwest Jiaotong University  China  Wei Shuoxiao  D  China Jiliang University  China  Xueyi Liu  D  Shanghai Jiao Tong University  China  Xiaofeng Gao  D  Nanjing University  China  Yibing Zhu  D  Wuhan Polytechnic University  China  Guo Zhichang  D |

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|---------|--|----------------|----------------|---------|--------------------|
| 2409648 | Harbin Institute of Technology         | China          | Shi Shengzhu   | D       | Meritorious Winner |
| 2409778 | South China Normal University          | China          | Linkun Liao    | D       | Meritorious Winner |
| 2409828 | Beijing Institute of Petrochemical     | China          | Huainian Zhang | D       | Meritorious Winner |
| 2410193 | Nanjing University of Chinese Medicine | China          | Wenguo Yang    | D       | Meritorious Winner |
| 2410442 | Beihang University                     | China          | Lei Wang       | D       | Meritorious Winner |
| 2410668 | Northeastern University                | China          | Lin Chuan      | D       | Meritorious Winner |
| 2410893 | Hunan Agricultural University          | China          | Kai Liu        | D       | Meritorious Winner |
| 2411192 | Harbin Institute of Technology         | China          | Zhang Dazhi    | D       | Meritorious Winner |
| 2411481 | Chang'an University                    | China          | Yao Shi        | D       | Meritorious Winner |
| 2411664 | Huazhong University of Science and     | China          | Haoyuan Xu     | D       | Meritorious Winner |
| 2411998 | Jiangsu Ocean University               | China          | Zhiping Liu    | D       | Meritorious Winner |
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|---------|---------------------------------------|----------------|---------------|---------|--------------------|
| 2412006 | Jiangsu Ocean University              | China          | Zhiping Liu   | D       | Meritorious Winner |
| 2412283 | Ningbo University                     | China          | Weifeng Wo    | D       | Meritorious Winner |
| 2412475 | Beihang University                    | China          | Tian Wang     | D       | Meritorious Winner |
| 2412690 | Nanjing University of Aeronautics and | China          | Yucong Tang   | D       | Meritorious Winner |
| 2413027 | The Chinese University of Hong Kong,  | China          | Haoze Dong    | D       | Meritorious Winner |
| 2413136 | Northeastern University(China)        | China          | Peng Ji       | D       | Meritorious Winner |
| 2413633 | Nanjing Forestry University           | China          | Jinfeng Bao   | D       | Meritorious Winner |
| 2414047 | Nankai University                     | China          | Cui Wei       | D       | Meritorious Winner |
| 2414062 | Central China Normal University       | China          | Zhang Xingzhe | D       | Meritorious Winner |
| 2414315 | Nankai University                     | China          | Shihan Xiang  | D       | Meritorious Winner |
| 2414414 | Shanghai University of International  | China          | JianMing Zhu  | D       | Meritorious Winner |
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|---------|--------------------------------------|----------------|-------------|---------|--------------------|
| 2414721 | Nanjing Normal University            | China          | Xinyi Hou   | D       | Meritorious Winner |
| 2414882 | Hohai University                     | China          | Xiuli He    | D       | Meritorious Winner |
| 2414901 | Wuhan University                     | China          | Deng Aijiao | D       | Meritorious Winner |
| 2414907 | Tsinghua University                  | China          | Liang Heng  | D       | Meritorious Winner |
| 2415099 | Beijing Jiaotong University          | China          | Bingli Fan  | D       | Meritorious Winner |
| 2415150 | XIDIAN UNIVERSITY                    | China          | Guo Lixuan  | D       | Meritorious Winner |
| 2415152 | Huazhong University of Science and   | China          | LuoZhiwen   | D       | Meritorious Winner |
| 2415326 | Central South University             | China          | QiFeng Chen | D       | Meritorious Winner |
| 2415494 | The Chinese University of Hong Kong, | China          | Jingxuan Wu | D       | Meritorious Winner |
| 2415657 | Harbin University of Science and     | China          | Liyan Wang  | D       | Meritorious Winner |
| 2415662 | XiDian University                    | China          | Zhihua Zhao | D       | Meritorious Winner |
|         |                                      |                |             |         |                    |

| 2415724 Inner Mongolia Agricultural University China Jun Zhang D Meritorious Winner  2416087 Harbin Institute of Technology China Limei Zhang D Meritorious Winner  2416197 Hainan University China Haohua Wang D Meritorious Winner |  |
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| 2416197 Hainan University China Haohua Wang D Meritorious Winner   |  |
|  |  |
| 2416238 Tsinghua University China Liang Heng D Meritorious Winner  |  |
| 2416244 Harbin University of Science and China Hongxu Zhang D Meritorious Winner   |  |
| 2416547 Jiangxi Normal University China Linghua Kong D Meritorious Winner  |  |
| 2416913 Hainan Vocational University of Science China Zhihao Jiang D Meritorious Winner  |  |
| 2417169 Shanghai Jiao Tong University China Xiaoni Liang D Meritorious Winner  |  |
| 2417583 National University of Defense Technology China Tingjin Luo D Meritorious Winner   |  |
| 2417898 Hohai University China Fanglei Wang D Meritorious Winner   |  |
| 2418556 National University of Defense Technology China Nudter D Meritorious Winner  |  |

| Ctrl #  | institution                             | Country/Region | Advisor        | Problem | designation        |
|---------|---|----------------|----------------|---------|--------------------|
| 2418830 | South China Normal University           | China          | Jian Deng      | D       | Meritorious Winner |
| 2418871 | Chongqing University                    | China          | Tengzhong Rong | D       | Meritorious Winner |
| 2418942 | Qilu University of Technology           | China          | Chen Chuan     | D       | Meritorious Winner |
| 2419084 | Southeast University                    | China          | Xingang Jia    | D       | Meritorious Winner |
| 2419290 | University of Electronic Science and    | China          | Xiaoping Li    | D       | Meritorious Winner |
| 2419339 | Northeastern University at Qinhuangdao  | China          | Kun Zhang      | D       | Meritorious Winner |
| 2419418 | University of Chinese Academy of Social | China          | Yanxia Zheng   | D       | Meritorious Winner |
| 2419431 | HuaZhong University of Science and      | China          | JianBing Li    | D       | Meritorious Winner |
| 2419457 | Nankai University                       | China          | LiZhonghua     | D       | Meritorious Winner |
| 2419686 | Chongqing University                    | China          | Guanghui Huang | D       | Meritorious Winner |
| 2420087 | XIDIAN UNIVERSITY                       | China          | Benchong Li    | D       | Meritorious Winner |
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| Ctrl #  | institution                           | Country/Region | Advisor       | Problem | designation        |
|---------|---------------------------------------|----------------|---------------|---------|--------------------|
| 2420249 | Anhui University                      | China          | Zhenhua Huang | D       | Meritorious Winner |
| 2420484 | Nanjing University of                 | China          | Xu Jin        | D       | Meritorious Winner |
| 2420500 | Southwest University                  | China          | Hong Lai      | D       | Meritorious Winner |
| 2420516 | University of Nottingham Ningbo China | China          | Jun Fan       | D       | Meritorious Winner |
| 2421605 | Hangzhou City University              | China          | Jiantao Yuan  | D       | Meritorious Winner |
| 2422172 | Sichuan Agricultural University       | China          | Peigao Luo    | D       | Meritorious Winner |
| 2422353 | Zhejiang University                   | China          | Zhiyi TAN     | D       | Meritorious Winner |
| 2422400 | Nanjing Xiaozhuang University         | China          | Hongwei Zhou  | D       | Meritorious Winner |
| 2422562 | Chongqing University                  | China          | Hu Xiaobing   | D       | Meritorious Winner |
| 2423177 | Xidian University                     | China          | Qingsong Zou  | D       | Meritorious Winner |
| 2423551 | Beijing Normal University             | China          | Li Haolin     | D       | Meritorious Winner |
| 4       |                                       |                |               |         | ·                  |

| 2423798 Communication University of China China Wei Lu D Meritorious Winner  2423958 National University of Defense Technology China Ziyang Mao D Meritorious Winner  2423977 Hangzhou Dianzi University China Qiangjun Xie D Meritorious Winner  2424016 Hangzhou Dianzi University China An Zhang D Meritorious Winner  2424073 Hangzhou Dianzi University China Zongmao Cheng D Meritorious Winner  2424181 Central South University China ZHANG Hongwei D Meritorious Winner  2424301 Xi'an Jiaotong University China Lei Chen D Meritorious Winner  2424661 Xi'an Jiaotong University China Lei Chen D Meritorious Winner  2424679 Xi'an Jiaotong University China Lei Chen D Meritorious Winner  2424890 National University China Dong Jing D Meritorious Winner | Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation        |
|---|---------|---|----------------|---------------|---------|--------------------|
| 2424977 Hangzhou Dianzi University  China  An Zhang  D Meritorious Winner  2424073 Hangzhou Dianzi University  China  Zongmao Cheng  D Meritorious Winner  2424181 Central South University  China  ZHANG Hongwei  D Meritorious Winner  2424301 Xl'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424661 Xl'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xl'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xl'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xl'an Jiaotong University  China  Dong Jing  D Meritorious Winner  | 2423798 | Communication University of China         | China          | Wei Lu        | D       | Meritorious Winner |
| 2424016 Hangzhou Dianzi University  China  Zongmao Cheng  D Meritorious Winner  2424073 Hangzhou Dianzi University  China  ZHANG Hongwei  D Meritorious Winner  2424181 Central South University  China  Lei Chen  D Meritorious Winner  2424301 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424661 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424810 Dalian University  China  Dong Jing  D Meritorious Winner  | 2423958 | National University of Defense Technology | China          | Ziyang Mao    | D       | Meritorious Winner |
| 2424073 Hangzhou Dianzi University  China  ZHANG Hongwei  D Meritorious Winner  2424181 Central South University  China  Lei Chen  D Meritorious Winner  2424301 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424661 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Dong Jing  D Meritorious Winner  | 2423977 | Hangzhou Dianzi University                | China          | Qiangjun Xie  | D       | Meritorious Winner |
| 2424181 Central South University  China  ZHANG Hongwei  D Meritorious Winner  2424301 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424661 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424810 Dalian University  China  Dong Jing  D Meritorious Winner   | 2424016 | Hangzhou Dianzi University                | China          | An Zhang      | D       | Meritorious Winner |
| 2424301 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424661 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424810 Dalian University  China  Dong Jing  D Meritorious Winner   | 2424073 | Hangzhou Dianzi University                | China          | Zongmao Cheng | D       | Meritorious Winner |
| 2424661 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424810 Dalian University  China  Dong Jing  D Meritorious Winner   | 2424181 | Central South University                  | China          | ZHANG Hongwei | D       | Meritorious Winner |
| 2424679 Xi'an Jiaotong University  China  Lei Chen  D Meritorious Winner  2424810 Dalian University  China  Dong Jing  D Meritorious Winner   | 2424301 | Xi'an Jiaotong University                 | China          | Lei Chen      | D       | Meritorious Winner |
| 2424810 Dalian University China Dong Jing D Meritorious Winner  | 2424661 | Xi'an Jiaotong University                 | China          | Lei Chen      | D       | Meritorious Winner |
|   | 2424679 | Xi'an Jiaotong University                 | China          | Lei Chen      | D       | Meritorious Winner |
| 2424890 National University of Defense Technology China Huaving Xie D Meritorious Winner  | 2424810 | Dalian University                         | China          | Dong Jing     | D       | Meritorious Winner |
| 2424030 National Oniversity of Detense reciniology China Hadying Ale  | 2424890 | National University of Defense Technology | China          | Huaying Xie   | D       | Meritorious Winner |

| Ctrl #  | institution                               | Country/Region | Advisor                | Problem | designation        |
|---------|---|----------------|------------------------|---------|--------------------|
| 2425053 | National University of Defense Technology | China          | Yangbin Tang           | D       | Meritorious Winner |
| 2425055 | National University of Defense Technology | China          | Yangbin Tang           | D       | Meritorious Winner |
| 2425316 | Xidian University                         | China          | GuiDong Yang           | D       | Meritorious Winner |
| 2425586 | Jiangsu University                        | China          | Linhe Zhu              | D       | Meritorious Winner |
| 2425621 | Wuhan University                          | China          | Yi Xuming              | D       | Meritorious Winner |
| 2425764 | ShanDong University                       | China          | Hong He                | D       | Meritorious Winner |
| 2425793 | XIDIAN UNIVERSITY                         | China          | Ning Wantao            | D       | Meritorious Winner |
| 2425961 | Nankai University                         | China          | Xiaofei Zhang          | D       | Meritorious Winner |
| 2426022 | Wuhan University                          | China          | Hu Jie                 | D       | Meritorious Winner |
| 2426890 | SUN YAT-SEN UNIVERSITY                    | China          | Zhujun Fan             | D       | Meritorious Winner |
| 2426909 | Hunan Normal University                   | China          | Ming Chen & Zhongxiang | D       | Meritorious Winner |
| 4       |   |                |                        |         | •                  |

| ngbo University                         | China   | Lihong Wang  | D  | Meritorious Winner  |
|---|---|--|--|---|
| andong University                       | China   | Yubin Wang   | D  | Meritorious Winner  |
| ntral University of Finance and         | China   | Mu Lin   | D  | Meritorious Winner  |
| ngji University                         | China   | Chunyan Duan   | D  | Meritorious Winner  |
| ejiang Ocean University                 | China   | Li Jin   | D  | Meritorious Winner  |
| nshan University                        | China   | Yin Zhang  | D  | Meritorious Winner  |
| njing University                        | China   | Yifan Guan   | D  | Meritorious Winner  |
| hui University of Science and           | China   | Haobo Dai  | D  | Meritorious Winner  |
| njing Tech University                   | China   | HAO LIU  | D  | Meritorious Winner  |
| ongqing Jiaotong University             | China   | Weikai Li  | D  | Meritorious Winner  |
| ngbo University                         | China   | Zaili Yan  | D  | Meritorious Winner  |
| n e n n n n n n n n n n n n n n n n n n | andong University  Intral University of Finance and Ingji University  Inshan University  Injing University  Injing University  Injing Tech University  Injing Tech University  Injing Jiaotong University | andong University  China  China  Intral University of Finance and  China  Ingji University  China  Inshan University  China  Injing University  China  China | andong University  China  Yubin Wang  China  Mu Lin  Mu Lin  Ingji University  China  Chunyan Duan  Spiang Ocean University  China  China  Yin Zhang  Injing University  China  Yifan Guan  China  Haobo Dai  Injing Tech University  China  HAO LIU  Dengqing Jiaotong University  China  Weikai Li | andong University  China  Yubin Wang  D  Intral University of Finance and  China  China  Chunyan Duan  D  Ingji University  China  Li Jin  D  Inshan University  China  Yin Zhang  D  Inging University  China  Yifan Guan  D  Inging University of Science and  China  Haobo Dai  D  Inging Tech University  China  HAO LIU  D  Ingqing Jiaotong University  China  Weikai Li  D |

| Ctrl #  | institution                           | Country/Region | Advisor                | Problem | designation        |
|---------|---------------------------------------|----------------|------------------------|---------|--------------------|
| 2429535 | Wenzhou university                    | China          | Ledan Qian             | D       | Meritorious Winner |
| 2429948 | Nanjing University of Finance and     | China          | Jingsan Yang           | D       | Meritorious Winner |
| 2400039 | BNU-HKBU United International College | China          | UIC Math Modeling Team | D       | Honorable Mention  |
| 2400095 | Lanzhou University                    | China          | Pengfei Cao            | D       | Honorable Mention  |
| 2400139 | Huazhong University of Science and    | China          | Zhaoxia Zheng          | D       | Honorable Mention  |
| 2400246 | Chongqing University of Posts and     | China          | Weidong Cheng          | D       | Honorable Mention  |
| 2400310 | Shandong University(Central Campus)   | China          | Xinyu Zhang            | D       | Honorable Mention  |
| 2400427 | Shandong University                   | China          | Xiaodong Yang          | D       | Honorable Mention  |
| 2400479 | Harbin Institute of Technology        | China          | Yiyang Liu             | D       | Honorable Mention  |
| 2400521 | Northwestern Polytechnical University | China          | Jinhuan Wen            | D       | Honorable Mention  |
| 2400607 | Renmin University of China            | China          | YaHui Sun              | D       | Honorable Mention  |
| 4       |                                       |                |                        |         |                    |

| Ctrl #  | institution                       | Country/Region | Advisor             | Problem | designation       |
|---------|-----------------------------------|----------------|---------------------|---------|-------------------|
| 2400648 | Dalian Maritime University        | China          | Yunjie Zhang        | D       | Honorable Mention |
| 2400680 | Bohai University                  | China          | Xiangshuai Zhang    | D       | Honorable Mention |
| 2400723 | Shenyang Jianzhu University       | China          | Tingting Yan        | D       | Honorable Mention |
| 2400732 | Shanghai University               | China          | Xu Zi               | D       | Honorable Mention |
| 2400767 | People's Public Security of China | China          | Zhao Xiaoliang      | D       | Honorable Mention |
| 2400854 | Zhejiang Sci-Tech University      | China          | Jiayun Lin          | D       | Honorable Mention |
| 2400880 | CHINA UNIVERSITY OF MINING AND    | China          | Zihao Wu            | D       | Honorable Mention |
| 2400961 | Central University of Finance and | China          | Junjie Xia          | D       | Honorable Mention |
| 2400985 | Ningbo University                 | China          | Jiannan Cheng       | D       | Honorable Mention |
| 2401002 | Harbin Medical University         | China          | Luyan Mu&Pengyu Guo | D       | Honorable Mention |
| 2401048 | Wuhan University                  | China          | Hu Xinqi            | D       | Honorable Mention |
|         |                                   |                |                     |         |                   |

| Ctrl #  | institution                       | Country/Region | Advisor       | Problem | designation       |
|---------|-----------------------------------|----------------|---------------|---------|-------------------|
| 2401058 | Beijing Normal University         | China          | 李莹珏           | D       | Honorable Mention |
| 2401087 | Dongbei University of Finance and | China          | Shaoting Li   | D       | Honorable Mention |
| 2401153 | Shandong Jianzhu University       | China          | Shousheng Zhu | D       | Honorable Mention |
| 2401197 | Beijing University of Posts and   | China          | Caixia Kou    | D       | Honorable Mention |
| 2401289 | Shanghai University               | China          | Yang Ding     | D       | Honorable Mention |
| 2401359 | Shanghai University               | China          | Wei Lv        | D       | Honorable Mention |
| 2401387 | Jinan University                  | China          | Suohai Fan    | D       | Honorable Mention |
| 2401438 | Nanjing University of Finance and | China          | Yalin Chen    | D       | Honorable Mention |
| 2401460 | Fudan University                  | China          | Zhijie Cai    | D       | Honorable Mention |
| 2401508 | Fudan University                  | China          | Zhijie Cai    | D       | Honorable Mention |
| 2401654 | Changsha University of Science &  | China          | Yu Lei        | D       | Honorable Mention |
|         |                                   |                |               |         |                   |

| institution                            | Country/Region   | Advisor  | Problem  | designation  |
|--|--|--|--|--|
| Shandong University                    | China  | Yibing Wang  | D  | Honorable Mention  |
| Zhengzhou University                   | China  | Pulin Li   | D  | Honorable Mention  |
| Shandong University of Science and     | China  | Xiaoyan Liu  | D  | Honorable Mention  |
| Nanjing University of Posts and        | China  | Zhenhua Yang   | D  | Honorable Mention  |
| China Three Gorges University          | China  | Shangshang Yang  | D  | Honorable Mention  |
| Nanjing University                     | China  | Yuming Zhou  | D  | Honorable Mention  |
| Chengdu University of Information      | China  | Kaifang Liao   | D  | Honorable Mention  |
| Zhejiang University of Finance and     | China  | Lei Liu  | D  | Honorable Mention  |
| China University of Geosciences, Wuhan | China  | Kerui Weng   | D  | Honorable Mention  |
| Shijiazhuang Tiedao University         | China  | Ruiqin Fan   | D  | Honorable Mention  |
| Central University of Finance and      | China  | Yifan Wu   | D  | Honorable Mention  |
|  | Shandong University  Zhengzhou University  Shandong University of Science and  Nanjing University of Posts and  China Three Gorges University  Nanjing University  Chengdu University of Information  Zhejiang University of Finance and  China University of Geosciences, Wuhan  Shijiazhuang Tiedao University | Shandong University  China  Zhengzhou University  China  Shandong University of Science and  China  Nanjing University of Posts and  China  China  China  China  Nanjing University  China  China  Chengdu University of Information  China  Zhejiang University of Finance and  China  China | Shandong University China Yibing Wang  Zhengzhou University China China Xiaoyan Liu  Nanjing University of Posts and China China China Three Gorges University China Shangshang Yang  Nanjing University China Yuming Zhou  Chengdu University of Information China Kaifang Liao  Zhejiang University of Finance and China China Kerui Weng  Shijiazhuang Tiedao University China Ruiqin Fan | Shandong University China Yibing Wang D Zhengzhou University China Pulin Li D Shandong University of Science and China Xiaoyan Liu D Nanjing University of Posts and China Zhenhua Yang D China Three Gorges University China Shangshang Yang D Nanjing University China Yuming Zhou D Chengdu University of Information China Kaifang Liao D Zhejiang University of Finance and China Lei Liu D China University of Geosciences, Wuhan China Ruiqin Fan D |

| institution                            | Country/Region   | Advisor  | Problem   | designation  |
|--|--|--|---|--|
| Dalian Maritime University             | China  | Lidong Wang  | D   | Honorable Mention  |
| Dalian Maritime University             | China  | Lidong Wang  | D   | Honorable Mention  |
| Dalian Maritime University             | China  | Guoyan Chen  | D   | Honorable Mention  |
| Dalian Maritime University             | China  | Yunjie Zhang   | D   | Honorable Mention  |
| Dalian Maritime University             | China  | Guoyan Chen  | D   | Honorable Mention  |
| Harbin Institute of Technology, Weihai | China  | Ben Niu  | D   | Honorable Mention  |
| Southeast University                   | China  | Lin Cheng  | D   | Honorable Mention  |
| Ningbo University                      | China  | Xiaoyu Zhu   | D   | Honorable Mention  |
| Northwest A&F University               | China  | Tingting Wang  | D   | Honorable Mention  |
| Northwestern Polytechnical University  | China  | zhuhui wu  | D   | Honorable Mention  |
| Xinjiang University                    | China  | Jian ping Zhao   | D   | Honorable Mention  |
|  | Dalian Maritime University  Dalian Maritime University  Dalian Maritime University  Dalian Maritime University  Harbin Institute of Technology, Weihai  Southeast University  Ningbo University  Northwest A&F University  Northwestern Polytechnical University | Dalian Maritime University  China  Harbin Institute of Technology, Weihai  China  Southeast University  China  Ningbo University  China  Northwest A&F University  China  Northwestern Polytechnical University  China | Dalian Maritime University  China  Lidong Wang  Dalian Maritime University  China  Guoyan Chen  Dalian Maritime University  China  Tingting Wang  Dalian Maritime University  China  China  Guoyan Chen  China  Guoyan Chen  China  Guoyan Chen  China  Ben Niu  Southeast University  China  Lin Cheng  Ningbo University  China  Tingting Wang  Northwestern Polytechnical University  China  Zhuhui wu | Dalian Maritime University  China  Lidong Wang  D  Dalian Maritime University  China  China  Guoyan Chen  D  Dalian Maritime University  China  Tunjie Zhang  D  Dalian Maritime University  China  Guoyan Chen  D  Dalian Maritime University  China  Guoyan Chen  D  Harbin Institute of Technology, Weihai  China  Ben Niu  D  Southeast University  China  Lin Cheng  D  Northwest A&F University  China  Tingting Wang  D  Northwestern Polytechnical University  China  Zhuhui wu  D |

| institution                                | Country/Region   | Advisor   | Problem  | designation  |
|--|--|---|--|--|
| Shaanxi Normal University                  | China  | Fei Hao   | D  | Honorable Mention  |
| South China University of Technology       | China  | Shenquan Liu  | D  | Honorable Mention  |
| Xinjiang University                        | China  | Shoujing He   | D  | Honorable Mention  |
| Southwest University                       | China  | Minyu Feng  | D  | Honorable Mention  |
| SUN YAT-SEN UNIVERSITY                     | China  | Yufan Li  | D  | Honorable Mention  |
| Harbin Insitute of Technology, Shenzhen    | China  | Baofeng Liu   | D  | Honorable Mention  |
| Changzhou University                       | China  | Feng Wang   | D  | Honorable Mention  |
| Shanghai University of Engineering Science | China  | Yuanchun Huang  | D  | Honorable Mention  |
| Dalian Polytechnic University              | China  | Junxiu Chen   | D  | Honorable Mention  |
| Dalian Maritime University                 | China  | Xuesong Liu   | D  | Honorable Mention  |
| Donghua University                         | China  | Yicun Hua   | D  | Honorable Mention  |
|  | Shaanxi Normal University  South China University of Technology  Xinjiang University  Southwest University  SUN YAT-SEN UNIVERSITY  Harbin Insitute of Technology, Shenzhen  Changzhou University  Shanghai University of Engineering Science  Dalian Polytechnic University  Dalian Maritime University | Shaanxi Normal University  China  South China University of Technology  China  Xinjiang University  China  Southwest University  China  SUN YAT-SEN UNIVERSITY  China  Changzhou University  China  Changzhou University  China  Shanghai University of Engineering Science  China  Dalian Polytechnic University  China  Dalian Maritime University  China | Shaanxi Normal University  China  Shenquan Liu  Xinjiang University  China  Shoujing He  Southwest University  China  Minyu Feng  SUN YAT-SEN UNIVERSITY  China  Harbin Insitute of Technology, Shenzhen  China  Baofeng Liu  Changzhou University  China  Feng Wang  Shanghai University of Engineering Science  China  Junxiu Chen  Dalian Polytechnic University  China  Xuesong Liu  Xuesong Liu | Shaanxi Normal University China Fei Hao D South China University of Technology China Shenquan Liu D Xinjiang University China Shoujing He D Southwest University China Minyu Feng D SUN YAT-SEN UNIVERSITY China Yufan Li D Harbin Insitute of Technology, Shenzhen China Baofeng Liu D Changzhou University China Feng Wang D Shanghai University of Engineering Science China Yuanchun Huang D Dalian Polytechnic University China Xuesong Liu D |

| institution                              | Country/Region   | Advisor   | Problem   | designation  |
|--|--|---|---|--|
| Beijing Institute of Technology          | China  | XU Houbao   | D   | Honorable Mention  |
| University of International Business and | China  | Yinqi Zhang   | D   | Honorable Mention  |
| Shandong University                      | China  | LUAN Junfeng  | D   | Honorable Mention  |
| South China University of Technology     | China  | Yongkuan Cheng  | D   | Honorable Mention  |
| Dongbei University of Finance and        | China  | Yang Zhao   | D   | Honorable Mention  |
| Beijing Institute of Technology          | China  | Li Xuewen   | D   | Honorable Mention  |
| Beijing Institute of Technology          | China  | Li Xuewen   | D   | Honorable Mention  |
| Northwest A&F University                 | China  | Qianqian Zhang  | D   | Honorable Mention  |
| Communication University of China        | China  | Shan Liu  | D   | Honorable Mention  |
| Renmin University of China               | China  | Yujia Li  | D   | Honorable Mention  |
| South China Normal University            | China  | Qibin Chen  | D   | Honorable Mention  |
|  | Beijing Institute of Technology  University of International Business and  Shandong University  South China University of Technology  Dongbei University of Finance and  Beijing Institute of Technology  Beijing Institute of Technology  Northwest A&F University  Communication University of China  Renmin University of China | Beijing Institute of Technology  China  University of International Business and  China  Shandong University  China  South China University of Technology  China  Dongbei University of Finance and  China  Beijing Institute of Technology  China  Beijing Institute of Technology  China  Northwest A&F University  China  Communication University of China  Renmin University of China  China | Beijing Institute of Technology  China  China  Yinqi Zhang  Shandong University  China  LUAN Junfeng  South China University of Technology  China  Yang Zhao  Beijing Institute of Technology  China  Li Xuewen  Beijing Institute of Technology  China  Li Xuewen  Northwest A&F University  China  China  Shan Liu  Renmin University of China  China  Yujia Li | Beijing Institute of Technology China XU Houbao D University of International Business and China Yinqi Zhang D Shandong University China LUAN Junfeng D South China University of Technology China Yongkuan Cheng D Dongbei University of Finance and China Yang Zhao D Beijing Institute of Technology China Li Xuewen D Beijing Institute of Technology China Li Xuewen D Northwest A&F University China Qianqian Zhang D Communication University of China China Shan Liu D Renmin University of China China Yujia Li D |

| institution                               | Country/Region  | Advisor  | Problem  | designation  |
|---|---|--|--|--|
| South China University of Technology      | China   | Yongkuan Cheng   | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Shen Jihong  | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Shen Jihong  | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Zhang Xiaowei  | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Wang Shujuan   | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Liu Dongping   | D  | Honorable Mention  |
| Harbin Engineering University             | China   | Zhang Haohui   | D  | Honorable Mention  |
| Beijing University of Chemical Technology | China   | Guifu Su   | D  | Honorable Mention  |
| Renmin University of China                | China   | Gang Liu   | D  | Honorable Mention  |
| Dalian University of Technology           | China   | Yonggang Fan   | D  | Honorable Mention  |
| Dalian University of Technology           | China   | Yonggang Fan   | D  | Honorable Mention  |
|   | South China University of Technology  Harbin Engineering University  Beijing University of Chemical Technology  Renmin University of China  Dalian University of Technology | South China University of Technology  China  Harbin Engineering University  China  Beijing University of Chemical Technology  China  Renmin University of China  China  Dalian University of Technology  China | South China University of Technology  China  Shen Jihong  Harbin Engineering University  China  Shen Jihong  Harbin Engineering University  China  Zhang Xiaowei  Harbin Engineering University  China  Wang Shujuan  Harbin Engineering University  China  Liu Dongping  Harbin Engineering University  China  Zhang Haohui  Beijing University of Chemical Technology  China  Gang Liu  Dalian University of Technology  China  Yonggang Fan | South China University of Technology China Yongkuan Cheng D Harbin Engineering University China Shen Jihong D Harbin Engineering University China Shen Jihong D Harbin Engineering University China Zhang Xiaowei D Harbin Engineering University China Wang Shujuan D Harbin Engineering University China Liu Dongping D Harbin Engineering University China Zhang Haohui D Beijing University of Chemical Technology China Guifu Su D Renmin University of China Gang Liu D Dalian University of Technology China Yonggang Fan D |

| Ctrl #  | institution                               | Country/Region | Advisor          | Problem | designation       |
|---------|---|----------------|------------------|---------|-------------------|
| 2405265 | Dalian University of Technology           | China          | Yonggang Fan     | D       | Honorable Mention |
| 2405291 | Beijing University of Chemical Technology | China          | Kai Jiang        | D       | Honorable Mention |
| 2405293 | Nanjing University of Science and         | China          | 465044437@qq.com | D       | Honorable Mention |
| 2405341 | Beijing Institute of Technology           | China          | Wang Hongzhou    | D       | Honorable Mention |
| 2405348 | Chinese University of Hongkong, Shenzhen  | China          | Mengting Feng    | D       | Honorable Mention |
| 2405489 | Haikou University of Economics            | China          | 曾国斌              | D       | Honorable Mention |
| 2405600 | Xi'an Jiaotong University                 | China          | Yiqing Wang      | D       | Honorable Mention |
| 2405740 | Zhengzhou University of Light Industry    | China          | Zuhe Li          | D       | Honorable Mention |
| 2405785 | Shandong University                       | China          | LUAN Junfeng     | D       | Honorable Mention |
| 2405891 | Jiangnan University                       | China          | Chengcheng Zhu   | D       | Honorable Mention |
| 2405914 | Nanjing University of Science and         | CHINA          | Meng XU          | D       | Honorable Mention |
|         |   |                |                  |         |                   |

| Ctrl #  | institution                             | Country/Region | Advisor      | Problem | designation       |
|---------|---|----------------|--------------|---------|-------------------|
| 2405969 | Southwestern University of Finance and  | China          | Wenyan Zhang | D       | Honorable Mention |
| 2405987 | Beijing Jiaotong University             | China          | Size Li      | D       | Honorable Mention |
| 2406059 | Nanjing University of Posts and         | China          | Lihua Min    | D       | Honorable Mention |
| 2406115 | Dalian University of Technology         | China          | Qiuhui Pan   | D       | Honorable Mention |
| 2406164 | JiYu Future Al Research and Development | CHINA          | Baojian Xia  | D       | Honorable Mention |
| 2406211 | Nanjing Audit University                | China          | Yiqi Yuan    | D       | Honorable Mention |
| 2406225 | Nanjing University of Science and       | China          | Zhengjie Sun | D       | Honorable Mention |
| 2406249 | Yantai University                       | China          | Qin Li       | D       | Honorable Mention |
| 2406354 | Nanjing University of Posts and         | China          | Lihua Min    | D       | Honorable Mention |
| 2406381 | Fudan University                        | China          | Xin Yao      | D       | Honorable Mention |
| 2406482 | Ocean University of China               | China          | Kebo Lv      | D       | Honorable Mention |
|         |   | ·              |              |         |                   |

| institution                               | Country/Region  | Advisor   | Problem  | designation  |
|---|---|---|--|--|
| Southeast University                      | China   | Guofei Pang   | D  | Honorable Mention  |
| China University of Political Science and | China   | YASHI WANG  | D  | Honorable Mention  |
| Xijing University                         | China   | Huaigu Tian   | D  | Honorable Mention  |
| South China University of Technology      | China   | Le Han  | D  | Honorable Mention  |
| University of Chinese Academy of Sciences | China   | none  | D  | Honorable Mention  |
| Northwest University                      | China   | Yongqin Zhang   | D  | Honorable Mention  |
| ShanDong JiaoTong University              | China   | YingLi Li   | D  | Honorable Mention  |
| Shandong Institute of Petroleum and       | China   | Xiaosha Li  | D  | Honorable Mention  |
| Zhejiang University of Technology         | China   | Yongyang Jin  | D  | Honorable Mention  |
| Fudan University                          | China   | ChiWang   | D  | Honorable Mention  |
| South China University of Technology      | China   | Yongkuan Cheng  | D  | Honorable Mention  |
|   | Southeast University  China University of Political Science and  Xijing University  South China University of Technology  University of Chinese Academy of Sciences  Northwest University  ShanDong JiaoTong University  Shandong Institute of Petroleum and  Zhejiang University of Technology  Fudan University | Southeast University China  China University of Political Science and China  Xijing University China  South China University of Technology China  University of Chinese Academy of Sciences China  Northwest University China  ShanDong JiaoTong University China  Shandong Institute of Petroleum and China  Zhejiang University of Technology China  Fudan University China | Southeast University  China  China  China  China  China  TASHI WANG  Xijing University  China  Huaigu Tian  South China University of Technology  China  Le Han  University of Chinese Academy of Sciences  China  Northwest University  China  Yongqin Zhang  ShanDong JiaoTong University  China  China  Xiaosha Li  Zhejiang University of Technology  China  China  Yongyang Jin  Fudan University  China  Chiwang | Southeast University China Guofei Pang D China University of Political Science and China TASHI WANG D Xijing University China Huaigu Tian D South China University of Technology China Le Han D University of Chinese Academy of Sciences China none D Northwest University China Tyongqin Zhang D ShanDong JiaoTong University China TyingLi Li D Shandong Institute of Petroleum and China Tyongyang Jin D Tudan University China China Tyongyang Jin D The Tudan University China China Chiwang D |

| institution                            | Country/Region  | Advisor  | Problem  | designation  |
|--|---|--|--|--|
| South China University of Technology   | China   | Le Han   | D  | Honorable Mention  |
| BNU-HKBU United International College  | China   | UIC Math Modeling Team   | D  | Honorable Mention  |
| Nanjing University of Science and      | China   | Liwei Liu  | D  | Honorable Mention  |
| Shanghai University                    | China   | Guixin Cao   | D  | Honorable Mention  |
| Shanghai University                    | China   | Yuntong Fan  | D  | Honorable Mention  |
| Shantou University                     | China   | Zejia Xie  | D  | Honorable Mention  |
| Shantou University                     | China   | Biao Xu  | D  | Honorable Mention  |
| Shantou University                     | China   | Biao Xu  | D  | Honorable Mention  |
| Shanghai University                    | China   | Ying Li  | D  | Honorable Mention  |
| South China University of Technology   | China   | Yongkuan Cheng   | D  | Honorable Mention  |
| Xi'an Jiaotong University City College | China   | Meng Xie   | D  | Honorable Mention  |
|  | South China University of Technology  BNU-HKBU United International College  Nanjing University of Science and  Shanghai University  Shantou University | South China University of Technology  China  BNU-HKBU United International College China  Nanjing University of Science and China  Shanghai University China  Shantou University China  Shanghai University China  Shanghai University China | South China University of Technology  China  Le Han  BNU-HKBU United International College  China  UIC Math Modeling Team  Nanjing University of Science and  China  Liwei Liu  Shanghai University  China  Guixin Cao  Shanghai University  China  Yuntong Fan  Shantou University  China  Biao Xu  Shantou University  China  Biao Xu  Shanghai University  China  Shantou University  China  Biao Xu  Shantou University  China  Shanghai University  China  Shanghai University  China  Yongkuan Cheng | South China University of Technology  China  Le Han  D  BNU-HKBU United International College  China  UIC Math Modeling Team  D  Nanjing University of Science and  China  Liwei Liu  D  Shanghai University  China  Guixin Cao  D  Shanghai University  China  Yuntong Fan  D  Shantou University  China  Biao Xu  D  Shantou University  China  Biao Xu  D  Shanghai University  China  Shantou University  China  Biao Xu  D  Shantou University  China  China  Formula D  Shanghai University  China  China  Formula D  Shanghai University  China  Formula D  Shanghai University  China  Yongkuan Cheng  D |

| Ctrl #  | institution                           | Country/Region | Advisor      | Problem | designation       |
|---------|---------------------------------------|----------------|--------------|---------|-------------------|
| 2407438 | Sun Yat-sen University                | China          | Weibin Wu    | D       | Honorable Mention |
| 2407470 | Beijing Institute of Technology       | China          | Li Xuewen    | D       | Honorable Mention |
| 2407515 | Northwestern Polytechnical University | China          | Ying Zhang   | D       | Honorable Mention |
| 2407520 | Beijing Institute of Technology       | China          | Bing-Zhao Li | D       | Honorable Mention |
| 2407566 | Nanjing University of Science and     | China          | Liqin Zhang  | D       | Honorable Mention |
| 2407576 | Harbin Medical University             | China          | Lin Pang     | D       | Honorable Mention |
| 2407637 | Jiamusi University                    | China          | Juhong Zhang | D       | Honorable Mention |
| 2407648 | Taiyuan University of Technology      | China          | Jianyun Wang | D       | Honorable Mention |
| 2407673 | Southwest University                  | China          | Minyu Feng   | D       | Honorable Mention |
| 2407682 | Nanfang College Guangzhou             | China          | Choujun Zhan | D       | Honorable Mention |
| 2407731 | Northeastern University               | China          | Qingda Chen  | D       | Honorable Mention |
| 4       |                                       |                |              |         |                   |

| institution                              | Country/Region  | Advisor  | Problem   | designation  |
|--|---|--|---|--|
| Xi'an Jiaotong University                | China   | Jian Zu  | D   | Honorable Mention  |
| Tianjin University                       | China   | Junfang Tian   | D   | Honorable Mention  |
| <b>重</b> 庆邮电 <b>大学</b>                   | China   | 陈 <b>宇欣</b>  | D   | Honorable Mention  |
| Shanghai Experimental School             | China   | Xiaming Chen   | D   | Honorable Mention  |
| Northwestern Polytechnical University    | China   | Lulu Pan   | D   | Honorable Mention  |
| Fudan University                         | China   | Zhijie Cai   | D   | Honorable Mention  |
| Northwestern Polytechnical University    | China   | Min Zhou   | D   | Honorable Mention  |
| University of International Business and | China   | Wenrui Ye  | D   | Honorable Mention  |
| China Jiliang University                 | China   | Min Zhou   | D   | Honorable Mention  |
| China Jiliang University                 | China   | Chengye Zhao   | D   | Honorable Mention  |
| Xuzhou Medical University                | China   | Zongliang Wen  | D   | Honorable Mention  |
|  | Xi'an Jiaotong University  Tianjin University  重庆邮电大学  Shanghai Experimental School  Northwestern Polytechnical University  Fudan University  Northwestern Polytechnical University  University of International Business and  China Jiliang University  China Jiliang University | Xi'an Jiaotong University China  重庆邮电大学 China  Shanghai Experimental School China  Northwestern Polytechnical University China  Northwestern Polytechnical University China  University China  University of International Business and China  China Jiliang University China  China  China Jiliang University China | Xi'an Jiaotong University China Jian Zu  Tianjin University China  重庆邮电大学 China 陈宇欣  Shanghai Experimental School China Northwestern Polytechnical University China Lulu Pan  Fudan University China Zhijie Cai  Northwestern Polytechnical University China Min Zhou University of International Business and China Min Zhou China Jiliang University China Chengye Zhao | Xi'an Jiaotong University China Jian Zu D  重庆邮电大学 China 陈宇欣 D  Shanghai Experimental School China Xiaming Chen D  Northwestern Polytechnical University China Lulu Pan D  Fudan University China Zhijie Cai D  Northwestern Polytechnical University China Min Zhou D  University of International Business and China Wenrui Ye D  China Jiliang University China Chengye Zhao D |

| Ctrl #  | institution                            | Country/Region | Advisor      | Problem | designation       |
|---------|--|----------------|--------------|---------|-------------------|
| 2408485 | Wuhan University                       | China          | Chen Zhou    | D       | Honorable Mention |
| 2408670 | Shanghai Jiao Tong University          | China          | Xiaofeng Gao | D       | Honorable Mention |
| 2408677 | Beijing Normal University              | China          | Hongkai WANG | D       | Honorable Mention |
| 2408701 | Northwestern Polytechnical University  | China          | Mei Yu       | D       | Honorable Mention |
| 2408704 | University of Shanghai for Science and | China          | zhang jian   | D       | Honorable Mention |
| 2408745 | Wuhan University of Science and        | China          | Qiang Zhang  | D       | Honorable Mention |
| 2408749 | Beijing University of Posts and        | China          | 张 <b>文博</b>  | D       | Honorable Mention |
| 2408773 | Beihang University                     | China          | Lei Wang     | D       | Honorable Mention |
| 2408958 | Northwestern Polytechnical University  | China          | Lulu Pan     | D       | Honorable Mention |
| 2408989 | East China Normal University           | China          | Dongyu Shi   | D       | Honorable Mention |
| 2408997 | East China Normal University           | China          | Dongyu Shi   | D       | Honorable Mention |
| 4       |  |                |              |         |                   |

| institution                           | Country/Region   | Advisor  | Problem  | designation   |
|---------------------------------------|--|--|--|---|
| Northwestern Polytechnical University | China  | Min Zhou   | D  | Honorable Mention   |
| Central University of Finance and     | China  | Yuxuan Tang  | D  | Honorable Mention   |
| Shanghai Jiao Tong University         | China  | Xiaofeng Gao   | D  | Honorable Mention   |
| China University of Petroleum         | China  | Xiaofeng Xu  | D  | Honorable Mention   |
| Anhui University of Technology        | China  | Hui Yang   | D  | Honorable Mention   |
| Harbin Institute of Technology        | China  | Guo Zhichang   | D  | Honorable Mention   |
| Northwestern Polytechnic University   | China  | Rongchun Hu  | D  | Honorable Mention   |
| University of Science and Technology  | China  | Xiangkui Zhao  | D  | Honorable Mention   |
| Wuhan Polytechnic University          | China  | Kang Zhou  | D  | Honorable Mention   |
| Nanjing University of Science and     | China  | Yongshun Liang   | D  | Honorable Mention   |
| Communication University of China     | China  | Shan Liu   | D  | Honorable Mention   |
|                                       | Northwestern Polytechnical University  Central University of Finance and  Shanghai Jiao Tong University  China University of Petroleum  Anhui University of Technology  Harbin Institute of Technology  Northwestern Polytechnic University  University of Science and Technology  Wuhan Polytechnic University  Nanjing University of Science and | Northwestern Polytechnical University  Central University of Finance and  China  Shanghai Jiao Tong University  China  China  China  China  China  China  Anhui University of Technology  China  Harbin Institute of Technology  China  Northwestern Polytechnic University  China  University of Science and Technology  China  Wuhan Polytechnic University  China  Nanjing University of Science and  China | Northwestern Polytechnical University  China  China  Yuxuan Tang  Shanghai Jiao Tong University  China  China  Xiaofeng Gao  China University of Petroleum  China  Anhui University of Technology  China  Hui Yang  Harbin Institute of Technology  China  Rongchun Hu  University of Science and Technology  China  Xiangkui Zhao  Wuhan Polytechnic University  China  Kang Zhou  Nanjing University of Science and  China  Yongshun Liang | Northwestern Polytechnical University  China  Min Zhou  D  Central University of Finance and  China  China  Yuxuan Tang  D  Shanghai Jiao Tong University  China  China  Xiaofeng Gao  D  China University of Petroleum  China  Anhui University of Technology  China  Hui Yang  D  Harbin Institute of Technology  China  Guo Zhichang  D  Northwestern Polytechnic University  China  Rongchun Hu  D  University of Science and Technology  China  Xiangkui Zhao  D  Wuhan Polytechnic University  China  Kang Zhou  D  Nanjing University of Science and  China  Yongshun Liang  D |

| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation       |
|---------|---|----------------|---------------|---------|-------------------|
| 2409381 | Harbin Institute of Technology            | China          | Li Jia        | D       | Honorable Mention |
| 2409483 | Beijing Institute of Technology           | China          | Bin Pang      | D       | Honorable Mention |
| 2409568 | China University of Mining and Technology | China          | Jian Qiao     | D       | Honorable Mention |
| 2409633 | Harbin Institute of Technology            | China          | Shao Jingfeng | D       | Honorable Mention |
| 2409668 | Huazhong University of Science and        | China          | Haoyuan Xu    | D       | Honorable Mention |
| 2409685 | The Chinese University of Hong Kong,      | China          | Ti Wu         | D       | Honorable Mention |
| 2409758 | Hunan University of Science and           | China          | None          | D       | Honorable Mention |
| 2409774 | Beihang University                        | China          | Zhilong Mi    | D       | Honorable Mention |
| 2409776 | Xi'an Jiaotong University                 | China          | Zongze Sun    | D       | Honorable Mention |
| 2409837 | Hangzhou Normal University                | China          | Zhang Huizeng | D       | Honorable Mention |
| 2409855 | Xi'an Jiaotong University                 | China          | Long Chen     | D       | Honorable Mention |
|         |   |                |               |         | ·                 |

| institution                               | Country/Region  | Advisor  | Problem  | designation   |
|---|---|--|--|---|
| Huazhong University of Science and        | China   | Mingzhe Guan   | D  | Honorable Mention   |
| Zhongnan University of Economics and Law  | China   | Wenqian Guo  | D  | Honorable Mention   |
| Tsinghua University                       | China   | Chen Liu   | D  | Honorable Mention   |
| Beihang University                        | China   | Binghui Guo  | D  | Honorable Mention   |
| Hangzhou Normal University                | China   | Zhang Huizeng  | D  | Honorable Mention   |
| China University of Mining and Technology | China   | Hu Shao  | D  | Honorable Mention   |
| Northeastern University                   | China   | Yu Dai   | D  | Honorable Mention   |
| Northeastern University                   | China   | Chuan Zhang  | D  | Honorable Mention   |
| Jinan University                          | China   | Suohai Fan   | D  | Honorable Mention   |
| Hunan University                          | China   | Hongxiang Yu   | D  | Honorable Mention   |
| Shanghai University                       | China   | Dongjie Liu  | D  | Honorable Mention   |
|   | Huazhong University of Science and  Zhongnan University of Economics and Law  Tsinghua University  Beihang University  Hangzhou Normal University  China University of Mining and Technology  Northeastern University  Jinan University  Hunan University | Huazhong University of Science and China  Zhongnan University of Economics and Law China  Tsinghua University China  Beihang University China  Hangzhou Normal University China  China University of Mining and Technology China  Northeastern University China  Northeastern University China  Jinan University China  Hunan University China | Huazhong University of Science and China Mingzhe Guan  Zhongnan University of Economics and Law China Wenqian Guo  Tsinghua University China Chen Liu  Beihang University China Binghui Guo  Hangzhou Normal University China Zhang Huizeng  China University of Mining and Technology China Hu Shao  Northeastern University China Chuan Zhang  Northeastern University China Chuan Zhang  Jinan University China Suohai Fan  Hunan University China Hongxiang Yu | Huazhong University of Science and China Mingzhe Guan D  Zhongnan University of Economics and Law China Wenqian Guo D  Tsinghua University China Chen Liu D  Beihang University China Binghui Guo D  Hangzhou Normal University China Zhang Huizeng D  China University of Mining and Technology China Hu Shao D  Northeastern University China Yu Dai D  Northeastern University China Chuan Zhang D  Jinan University China Suohai Fan D  Hunan University China Hongxiang Yu D |

|   |   |  |   | designation  |
|---|---|--|---|--|
| Shenzhen University                       | China   | Ailin Zhang  | D   | Honorable Mention  |
| Beijing University of Posts and           | China   | Guoan Zhao   | D   | Honorable Mention  |
| Гоngji University                         | China   | none none  | D   | Honorable Mention  |
| Beijing Normal University                 | China   | 2814903618@qq.com  | D   | Honorable Mention  |
| Beijing University of Techonlogy          | China   | Lei Liu  | D   | Honorable Mention  |
| University of International Business and  | China   | Sitong Li  | D   | Honorable Mention  |
| Hangzhou Normal University                | China   | Yu Xia   | D   | Honorable Mention  |
| Shanghai Jiao Tong University             | China   | Xiaofeng Gao   | D   | Honorable Mention  |
| Shanghai Jiao Tong University             | China   | Xiaofeng Gao   | D   | Honorable Mention  |
| Huazhong University of Science and        | China   | Haoyuan Xu   | D   | Honorable Mention  |
| China University of Mining and Technology | China   | Hongsong Guo   | D   | Honorable Mention  |
| Bi B  | eijing University  eijing Normal University  eijing University of Techonlogy  niversity of International Business and  angzhou Normal University  hanghai Jiao Tong University  hanghai Jiao Tong University  uazhong University of Science and | eijing University of Posts and China  Ongji University China  eijing Normal University China  eijing University of Techonlogy China  niversity of International Business and China  angzhou Normal University China  hanghai Jiao Tong University China  uazhong University of Science and China | eijing University of Posts and China Guoan Zhao ongji University China none none eijing Normal University China 2814903618@qq.com eijing University of Techonlogy China Lei Liu niversity of International Business and China Sitong Li angzhou Normal University China Yu Xia hanghai Jiao Tong University China Xiaofeng Gao hanghai Jiao Tong University China Xiaofeng Gao uazhong University of Science and China Haoyuan Xu | eijing University of Posts and China Guoan Zhao D  ongji University China none none D  eijing Normal University China 2814903618@qq.com D  eijing University of Techonlogy China Lei Liu D  niversity of International Business and China Sitong Li D  angzhou Normal University China Yu Xia D  hanghai Jiao Tong University China Xiaofeng Gao D  uazhong University of Science and China Haoyuan Xu D |

| Ctrl #  | institution                              | Country/Region | Advisor      | Problem | designation       |
|---------|--|----------------|--------------|---------|-------------------|
| 2411527 | Changsha University of Science and       | China          | Jiao Li      | D       | Honorable Mention |
| 2411545 | Huazhong University of Science and       | China          | Haoyuan Xu   | D       | Honorable Mention |
| 2411550 | Shanghai University                      | China          | Wei Lv       | D       | Honorable Mention |
| 2411556 | Huazhong University of Science and       | China          | He Tang      | D       | Honorable Mention |
| 2411566 | Huazhong University of Science and       | China          | Haoyuan Xu   | D       | Honorable Mention |
| 2411854 | Huazhong University of Science and       | China          | Zijun Wang   | D       | Honorable Mention |
| 2411897 | Beijing International Studies University | China          | Zhao Zhiqi   | D       | Honorable Mention |
| 2411906 | Xi'an Jiaotong University                | China          | Long Chen    | D       | Honorable Mention |
| 2411918 | Beijing Institute of Technology          | China          | Yuli Zhang   | D       | Honorable Mention |
| 2411957 | Beijing University of Post and           | China          | siyue zhu    | D       | Honorable Mention |
| 2412031 | Hangzhou Normal University               | China          | Yuexia HUANG | D       | Honorable Mention |
| 4       |  |                |              |         |                   |

| Ctrl #  | institution                           | Country/Region | Advisor       | Problem | designation       |
|---------|---------------------------------------|----------------|---------------|---------|-------------------|
| 2412062 | Renmin University of China            | China          | Jiaqi Dong    | D       | Honorable Mention |
| 2412074 | Nankai University                     | China          | Yuan-Hua Ni   | D       | Honorable Mention |
| 2412179 | Northwestern Polytechnical University | China          | Ying Zhang    | D       | Honorable Mention |
| 2412182 | Shanghai Jiao Tong University         | China          | Xiaofeng Gao  | D       | Honorable Mention |
| 2412190 | NorthEastern University               | China          | YingSheng     | D       | Honorable Mention |
| 2412232 | North China University of Science and | China          | Yan Shaohong  | D       | Honorable Mention |
| 2412293 | Beihang University                    | China          | Lei Wang      | D       | Honorable Mention |
| 2412364 | Beihang University                    | China          | Yin Ziqiao    | D       | Honorable Mention |
| 2412502 | Shanghai Normal University            | china          | Yuanping Wang | D       | Honorable Mention |
| 2412627 | University of Science and Technology  | China          | Xuelan Zhang  | D       | Honorable Mention |
| 2412895 | Taiyuan University Of Technology      | China          | Ruiping Niu   | D       | Honorable Mention |
| 4       |                                       |                |               | ·       |                   |

| institution                           | Country/Region  | Advisor   | Problem   | designation   |
|---------------------------------------|---|---|---|---|
| University of Science and Technology  | China   | 韩学松   | D   | Honorable Mention   |
| Nanjing University of Posts and       | China   | Sainan Wu   | D   | Honorable Mention   |
| Tianjin University                    | CHINA   | Zhongjie Han  | D   | Honorable Mention   |
| Xi'an Jiaotong University             | China   | Long Chen   | D   | Honorable Mention   |
| Shanghai University                   | China   | Chen Jun  | D   | Honorable Mention   |
| South China Normal University         | China   | Siying Huang  | D   | Honorable Mention   |
| South China Normal University         | China   | Qianhua Cai   | D   | Honorable Mention   |
| Northwestern Polytechnical University | China   | Ying Zhang  | D   | Honorable Mention   |
| Hohai University                      | China   | Qingxin Liu   | D   | Honorable Mention   |
| Zhejiang University                   | China   | Xianmin Huang   | D   | Honorable Mention   |
| Southeast University                  | China   | Chen Anlan  | D   | Honorable Mention   |
|                                       | University of Science and Technology  Nanjing University of Posts and  Tianjin University  Xi'an Jiaotong University  Shanghai University  South China Normal University  South China Normal University  Northwestern Polytechnical University  Hohai University  Zhejiang University | University of Science and Technology  China  Nanjing University of Posts and  China  Tianjin University  China  Shanghai University  China  South China Normal University  China  South China Normal University  China  Northwestern Polytechnical University  China  Hohai University  China  Zhejiang University  China | University of Science and Technology China 韩学松  Nanjing University of Posts and China Sainan Wu  Tianjin University CHINA Zhongjie Han  Xi'an Jiaotong University China Long Chen  Shanghai University China Siying Huang  South China Normal University China Qianhua Cai  Northwestern Polytechnical University China Ying Zhang  Hohai University China Qingxin Liu  Zhejiang University China Xianmin Huang | University of Science and Technology China 轉学松 D  Nanjing University of Posts and China Sainan Wu D  Tianjin University CHINA Zhongjie Han D  Xi'an Jiaotong University China Long Chen D  Shanghai University China Chen Jun D  South China Normal University China Siying Huang D  South China Normal University China Qianhua Cai D  Northwestern Polytechnical University China Ying Zhang D  Hohai University China Qingxin Liu D  Zhejiang University China Xianmin Huang D |

| institution                                  | Country/Region   | Advisor  | Problem   | designation  |
|--|--|--|---|--|
| Xiangtan University                          | China  | Chengfu Li   | D   | Honorable Mention  |
| Xiangtan University                          | China  | Hongliang Liu  | D   | Honorable Mention  |
| Sun Yat-sen University                       | China  | Weibin Wu  | D   | Honorable Mention  |
| Xinjiang Institute of technology             | China  | Donjie Chen  | D   | Honorable Mention  |
| Hohai University                             | China  | Qingxin Liu  | D   | Honorable Mention  |
| Northeastern University                      | China  | Xiaochen Zhu   | D   | Honorable Mention  |
| Soochow University                           | China  | Zhang Jian   | D   | Honorable Mention  |
| Shanghai University of International         | China  | Dapeng Zhou  | D   | Honorable Mention  |
| Shanghai University of Political Science and | China  | Jusheng Liu  | D   | Honorable Mention  |
| Communication University of China            | China  | Shan Liu   | D   | Honorable Mention  |
| Tongji University                            | China  | Ling Wang  | D   | Honorable Mention  |
|  | Xiangtan University  Xiangtan University  Sun Yat-sen University  Xinjiang Institute of technology  Hohai University  Northeastern University  Soochow University  Shanghai University of International  Shanghai University of Political Science and  Communication University of China | Xiangtan University China  Xiangtan University China  Sun Yat-sen University China  Xinjiang Institute of technology China  Hohai University China  Northeastern University China  Soochow University China  Shanghai University of International China  China  China  China  China  China  China  China | Xiangtan University China Hongliang Liu  Sun Yat-sen University China Weibin Wu  Xinjiang Institute of technology China Donjie Chen  Hohai University China Qingxin Liu  Northeastern University China Xiaochen Zhu  Soochow University China Zhang Jian  Shanghai University of International China Dapeng Zhou  Shanghai University of Political Science and China Shan Liu  Communication University of China Shan Liu | Xiangtan University China Chengfu Li D Xiangtan University China Hongliang Liu D Sun Yat-sen University China Weibin Wu D Xinjiang Institute of technology China Donjie Chen D Hohai University China Qingxin Liu D Northeastern University China Xiaochen Zhu D Soochow University China Zhang Jian D Shanghai University of International China Dapeng Zhou D Communication University of China China Shan Liu D |

| institution                           | Country/Region  | Advisor   | Problem   | designation   |
|---------------------------------------|---|---|---|---|
| Beihang University                    | China   | Tian Wang   | D   | Honorable Mention   |
| Beijing Forestry University           | China   | Kaiye Gao   | D   | Honorable Mention   |
| Nanjing University                    | China   | Yuelun Sun  | D   | Honorable Mention   |
| Wuhan University of Science and       | China   | Qiang Zhang   | D   | Honorable Mention   |
| Northeastern University               | China   | Chaolu Feng   | D   | Honorable Mention   |
| East China Normal University          | China   | Xiaohang Huang  | D   | Honorable Mention   |
| Beijing Jiaotong University           | China   | Bingli Fan  | D   | Honorable Mention   |
| SUN YAT-SEN UNIVERSITY                | China   | Zhujun Fan  | D   | Honorable Mention   |
| Northwestern Polytechnical University | China   | Min Zhou  | D   | Honorable Mention   |
| Hohai University                      | China   | Zhenghua Shi  | D   | Honorable Mention   |
| Hohai University                      | China   | Xiuli He  | D   | Honorable Mention   |
|                                       | Beijing Forestry University  Nanjing University  Wuhan University of Science and  Northeastern University  East China Normal University  Beijing Jiaotong University  SUN YAT-SEN UNIVERSITY  Northwestern Polytechnical University  Hohai University | Beijing Forestry University China  Nanjing University China  Wuhan University of Science and China  Northeastern University China  East China Normal University China  Beijing Jiaotong University China  SUN YAT-SEN UNIVERSITY China  Northwestern Polytechnical University China  Hohai University China | Beihang University  China  Tian Wang  Beijing Forestry University  China  China  Yuelun Sun  Wuhan University of Science and  China  China  Chaolu Feng  East China Normal University  China  China  Xiaohang Huang  Beijing Jiaotong University  China  SUN YAT-SEN UNIVERSITY  China  China  China  Min Zhou  Hohai University  China  Zhenghua Shi | Beihang University  China  Tian Wang  D  Beijing Forestry University  China  Kaiye Gao  D  Nanjing University  China  Yuelun Sun  D  Wuhan University of Science and  China  Qiang Zhang  D  Northeastern University  China  Chaolu Feng  D  East China Normal University  China  Xiaohang Huang  D  Beijing Jiaotong University  China  Bingli Fan  D  SUN YAT-SEN UNIVERSITY  China  Zhujun Fan  D  Northwestern Polytechnical University  China  Zhenghua Shi  D |

| institution                           | Country/Region  | Advisor  | Problem  | designation   |
|---------------------------------------|---|--|--|---|
| Tsinghua University                   | China   | Liang Heng   | D  | Honorable Mention   |
| Tsinghua University                   | China   | Liang Heng   | D  | Honorable Mention   |
| Beijing Jiaotong University           | China   | Bingli Fan   | D  | Honorable Mention   |
| Columbia University                   | USA   | Yongyuan Qu  | D  | Honorable Mention   |
| Hohai University                      | China   | Xiuli He   | D  | Honorable Mention   |
| Beijing Jiaotong University           | China   | Bingli Fan   | D  | Honorable Mention   |
| Beijing Jiaotong University           | China   | Bingli Fan   | D  | Honorable Mention   |
| Huaqiao University                    | China   | Zhehuang Huang   | D  | Honorable Mention   |
| Renmin University of China            | China   | Wang Song  | D  | Honorable Mention   |
| Ocean University of China             | China   | Jingyun Chen   | D  | Honorable Mention   |
| north china electric power university | china   | De-xiang Ma  | D  | Honorable Mention   |
|                                       | Tsinghua University  Tsinghua University  Beijing Jiaotong University  Columbia University  Hohai University  Beijing Jiaotong University  Beijing Jiaotong University  Huaqiao University  Renmin University of China  Ocean University of China | Tsinghua University China  Beijing Jiaotong University China  Columbia University USA  Hohai University China  Beijing Jiaotong University China  Beijing Jiaotong University China  Huaqiao University China  China  China  China  China  China  China  China | Tsinghua University China Liang Heng  Beijing Jiaotong University China Bingli Fan  Columbia University USA Yongyuan Qu  Hohai University China Singli Fan  Eeijing Jiaotong University China Bingli Fan  China China China China Jingyun Chen | Tsinghua University China Liang Heng D  Beijing Jiaotong University China Bingli Fan D  Columbia University USA Yongyuan Qu D  Hohai University China Bingli Fan D  Beijing Jiaotong University China Bingli Fan D  Beijing Jiaotong University China Bingli Fan D  Beijing Jiaotong University China Bingli Fan D  Huaqiao University China Zhehuang Huang D  Ocean University of China China Jingyun Chen D |

| Ctrl #  | institution                                 | Country/Region | Advisor       | Problem | designation       |
|---------|---|----------------|---------------|---------|-------------------|
| 2415409 | Beijing Normal University                   | China          | Sirui Li      | D       | Honorable Mention |
| 2415504 | Century College Beijing University of Posts | China          | Haiyan Gu     | D       | Honorable Mention |
| 2415563 | Harbin Institute of Technology, Weihai      | China          | Chen Tianrui  | D       | Honorable Mention |
| 2415720 | Zhengzhou University                        | China          | Qianqian Zhao | D       | Honorable Mention |
| 2415738 | XiDian University                           | China          | WeiJian Bo    | D       | Honorable Mention |
| 2415793 | Tongji University                           | China          | Peisheng Cong | D       | Honorable Mention |
| 2415834 | Wuhan University                            | China          | Lei Ling      | D       | Honorable Mention |
| 2415862 | Zhejiang University of Finance and          | China          | Fulai Wang    | D       | Honorable Mention |
| 2415887 | Huazhong University Of Science And Techn    | China          | Jin Xu        | D       | Honorable Mention |
| 2415903 | Sun Yat-sen University                      | China          | Weibin Wu     | D       | Honorable Mention |
| 2415938 | China Three Gorges University               | China          | None          | D       | Honorable Mention |
| 4       |   |                |               |         |                   |

| institution                               | Country/Region  | Advisor   | Problem  | designation  |
|---|---|---|--|--|
| Nanjing University                        | China   | Zhemin Tan  | D  | Honorable Mention  |
| Shenyang University of Technology         | China   | Yan Chen  | D  | Honorable Mention  |
| Tsinghua University                       | China   | Liang Heng  | D  | Honorable Mention  |
| Tsinghua University                       | China   | Liang Heng  | D  | Honorable Mention  |
| Tsinghua University                       | China   | Liang Heng  | D  | Honorable Mention  |
| Tsinghua University                       | China   | Liang Heng  | D  | Honorable Mention  |
| Fudan University                          | China   | TONG FANGYUAN   | D  | Honorable Mention  |
| Northwestern Polytechnical University     | China   | Hui Zhang   | D  | Honorable Mention  |
| Hunan Institute of Science and Technology | China   | Xinping Li  | D  | Honorable Mention  |
| Southwestern University of Finance and    | China   | Menghui Wang  | D  | Honorable Mention  |
| Harbin Institute of Technology, Weihai    | China   | Chen Tianrui  | D  | Honorable Mention  |
|   | Nanjing University  Shenyang University of Technology  Tsinghua University  Tsinghua University  Tsinghua University  Tsinghua University  Fudan University  Northwestern Polytechnical University  Hunan Institute of Science and Technology  Southwestern University of Finance and | Nanjing University China  Shenyang University of Technology China  Tsinghua University China  Tsinghua University China  Tsinghua University China  Tsinghua University China  Fudan University China  Northwestern Polytechnical University China  Hunan Institute of Science and Technology China  Southwestern University of Finance and China | Nanjing University  China  Zhemin Tan  Shenyang University of Technology  China  Tsinghua University  China  Liang Heng  Toliang Heng  T | Nanjing University  China  Zhemin Tan  D  Shenyang University of Technology  China  Tsinghua University  China  Liang Heng  D  Northwestern Polytechnical University  China  TONG FANGYUAN  D  Hunan Institute of Science and Technology  China  Xinping Li  D  Southwestern University of Finance and  China  Menghui Wang  D |

| institution                             | Country/Region   | Advisor   | Problem  | designation   |
|---|--|---|--|---|
| Shanghai Jiao Tong University           | China  | Tongxin Ren   | D  | Honorable Mention   |
| Shanghai Jiao Tong University           | China  | Tongxin Ren   | D  | Honorable Mention   |
| Shanghai Normal University              | China  | Wan-Yuan Xu   | D  | Honorable Mention   |
| Nanjing University                      | China  | Wei Xu  | D  | Honorable Mention   |
| University of Electronic Science and    | China  | Qin Siyi  | D  | Honorable Mention   |
| Shandong University                     | China  | None  | D  | Honorable Mention   |
| Hainan Vocational University of Science | China  | Limi Chen   | D  | Honorable Mention   |
| Ocean University of China               | China  | Chunguang Chen  | D  | Honorable Mention   |
| Wenzhou University                      | China  | Yi Chen   | D  | Honorable Mention   |
| Tsinghua University                     | China  | Liang Heng  | D  | Honorable Mention   |
| Shanghai Jiao Tong University           | China  | Pengzhi Chu   | D  | Honorable Mention   |
|   | Shanghai Jiao Tong University  Shanghai Jiao Tong University  Shanghai Normal University  Nanjing University  University of Electronic Science and  Shandong University  Hainan Vocational University of Science  Ocean University of China  Wenzhou University  Tsinghua University | Shanghai Jiao Tong University China Shanghai Jiao Tong University China Shanghai Normal University China Nanjing University China University of Electronic Science and China Shandong University China Hainan Vocational University of Science China Ocean University of China Wenzhou University China Tsinghua University China | Shanghai Jiao Tong University China Tongxin Ren  Shanghai Jiao Tong University China Wan-Yuan Xu  Nanjing University China Wei Xu  University of Electronic Science and China Qin Siyi  Shandong University China None  Hainan Vocational University of Science China China Chunguang Chen  Wenzhou University China Limi Chen  Tsinghua University China Liang Heng | Shanghai Jiao Tong University China Tongxin Ren D Shanghai Jiao Tong University China Wan-Yuan Xu D Nanjing University China Wei Xu D University of Electronic Science and China Qin Siyi D Shandong University China None D Hainan Vocational University of Science China China Chunguang Chen D Wenzhou University China Yi Chen D Tsinghua University China Liang Heng D |

| institution                               | Country/Region   | Advisor  | Problem  | designation   |
|---|--|--|--|---|
| Shandong University                       | China  | Shuai Liu  | D  | Honorable Mention   |
| Wuhan University                          | China  | Xinqi Hu   | D  | Honorable Mention   |
| Shanghai University                       | China  | Hang Yu  | D  | Honorable Mention   |
| TianJin University                        | China  | Shuai Hu   | D  | Honorable Mention   |
| China Three Gorges University             | China  | Xin Li   | D  | Honorable Mention   |
| University of Science and Technology      | China  | weidong luo  | D  | Honorable Mention   |
| University of Science and Technology      | China  | Zihao Cheng  | D  | Honorable Mention   |
| National University of Defense Technology | China  | Xiaojun Duan   | D  | Honorable Mention   |
| Panzhihua University                      | China  | Quanxiang Lan  | D  | Honorable Mention   |
| Harbin Institute of Technology, Shenzhen  | China  | Yongbing Zhang   | D  | Honorable Mention   |
| Southwestern University of Finance and    | China  | Dai Dai  | D  | Honorable Mention   |
|   | Shandong University  Wuhan University  Shanghai University  TianJin University  China Three Gorges University  University of Science and Technology  University of Science and Technology  National University of Defense Technology  Panzhihua University  Harbin Institute of Technology, Shenzhen | Shandong University China  Wuhan University China  Shanghai University China  TianJin University China  China  China  China  China  China  University of Science and Technology China  University of Science and Technology China  National University of Defense Technology China  Panzhihua University China  Harbin Institute of Technology, Shenzhen China | Shandong University China Shuai Liu  Wuhan University China Shanghai University China Hang Yu  TianJin University China Shuai Hu  China Three Gorges University China University of Science and Technology China Weidong luo  University of Science and Technology China Zihao Cheng  National University of Defense Technology China Axiaojun Duan  Panzhihua University China Quanxiang Lan  Harbin Institute of Technology, Shenzhen China Yongbing Zhang | Shandong University China Shuai Liu D Wuhan University China Shuai Hu D Shanghai University China Hang Yu D Tian-Jin University China Shuai Hu D China Three Gorges University China University of Science and Technology China Weidong luo D University of Science and Technology China Zihao Cheng D National University of Defense Technology China Viaojun Duan D Harbin Institute of Technology, Shenzhen China Yongbing Zhang D |

| institution                                | Country/Region   | Advisor   | Problem  | designation   |
|--|--|---|--|---|
| Nanjing University                         | China  | Kang Lele   | D  | Honorable Mention   |
| National University of Defense Technology  | China  | Tingjin Luo   | D  | Honorable Mention   |
| Tongji University                          | China  | Xiaohan Yang  | D  | Honorable Mention   |
| Chongqing University                       | China  | Bin Xu  | D  | Honorable Mention   |
| Southeast University                       | China  | Liyan Wang  | D  | Honorable Mention   |
| Chongqing University                       | China  | Tengzhong Rong  | D  | Honorable Mention   |
| Hohai University                           | China  | Xueying Zhang   | D  | Honorable Mention   |
| University of International Business and   | China  | Ding Peihuan  | D  | Honorable Mention   |
| National University of Defence Technology  | China  | Wenqiang yang   | D  | Honorable Mention   |
| Nankai University                          | China  | Xuebo Zhang   | D  | Honorable Mention   |
| Shanghai University of Engineering Science | China  | Feng Yuehua   | D  | Honorable Mention   |
|  | Nanjing University  National University of Defense Technology  Tongji University  Chongqing University  Southeast University  Chongqing University  Hohai University  University of International Business and  National University of Defence Technology  Nankai University | Nanjing University China  National University of Defense Technology China  Tongji University China  Chongqing University China  Southeast University China  Chongqing University China  University China  University of International Business and National University of Defence Technology China  Nankai University China | Nanjing University  China  Kang Lele  National University of Defense Technology  China  Tingjin Luo  Tongji University  China  Siaohan Yang  Chongqing University  China  Liyan Wang  Chongqing University  China  Tengzhong Rong  Hohai University  China  Xueying Zhang  University of International Business and  China  Ding Peihuan  National University of Defence Technology  China  Xuebo Zhang  Nankai University  China  Xuebo Zhang | Nanjing University  China  Kang Lele  D  National University of Defense Technology  China  Tingjin Luo  D  Tongji University  China  Siaohan Yang  D  Chongqing University  China  Bin Xu  D  Southeast University  China  Liyan Wang  D  Chongqing University  China  Tengzhong Rong  D  Hohai University  China  Xueying Zhang  D  University of International Business and  China  Ding Pelhuan  D  National University of Defence Technology  China  Xuebo Zhang  D |

| institution                               | Country/Region   | Advisor  | Problem   | designation   |
|---|--|--|---|---|
| Xidian University                         | China  | Peiyi Shen   | D   | Honorable Mention   |
| Chongqing University                      | China  | Bin Xu   | D   | Honorable Mention   |
| Geely University of China                 | China  | Xiaoping Li  | D   | Honorable Mention   |
| Henan University                          | China  | Xiaoyi Yang  | D   | Honorable Mention   |
| Guangdong Police College                  | China  | Xiaohui Yang   | D   | Honorable Mention   |
| National University of Defense Technology | China  | Nudter   | D   | Honorable Mention   |
| National University of Defense Technology | China  | Nudter   | D   | Honorable Mention   |
| Chongqing University                      | China  | QU GONG  | D   | Honorable Mention   |
| Anhui University                          | China  | TAO YU   | D   | Honorable Mention   |
| Sichuan University                        | China  | Shiquan Zhang  | D   | Honorable Mention   |
| National University of Defense Technology | China  | Liang Yan  | D   | Honorable Mention   |
|   | Xidian University  Chongqing University  Geely University of China  Henan University  Guangdong Police College  National University of Defense Technology  National University of Defense Technology  Chongqing University  Anhui University  Sichuan University | Xidian University China  Chongqing University China  Geely University of China  Henan University China  Guangdong Police College China  National University of Defense Technology China  National University of Defense Technology China  Chongqing University China  Anhui University China  Sichuan University China | Xidian University  China  Peiyi Shen  Chongqing University  China  China  Xiaoping Li  Henan University  China  Xiaoyi Yang  Guangdong Police College  China  Xiaohui Yang  National University of Defense Technology  China  Nudter  National University of Defense Technology  China  Nudter  Chongqing University  China  QU GONG  Anhui University  China  TAO YU  Sichuan University  China  Shiquan Zhang | Xidian University China Peiyi Shen D Chongqing University China Bin Xu D Geely University of China China Xiaoping Li D Henan University China Xiaoyi Yang D Guangdong Police College China Xiaohui Yang D National University of Defense Technology China Nudter D National University of Defense Technology China QU GONG D Anhui University China TAO YU D Sichuan University China Shiquan Zhang D |

| institution                               | Country/Region   | Advisor  | Problem  | designation  |
|---|--|--|--|--|
| 北京理工大学                                    | China  | 张 <b>文娟</b>  | D  | Honorable Mention  |
| National University of Defense Technology | China  | Dongqiu Xing   | D  | Honorable Mention  |
| New York University                       | USA  | Shizhu Liu   | D  | Honorable Mention  |
| Hohai University                          | China  | Xueying Zhang  | D  | Honorable Mention  |
| Central University of Finance and         | China  | Mu Lin   | D  | Honorable Mention  |
| South China University of Technology      | China  | Haiwen Dong  | D  | Honorable Mention  |
| Wuhan University                          | China  | Yi Luo   | D  | Honorable Mention  |
| XIDIAN UNIVERSITY                         | China  | Miao Yu  | D  | Honorable Mention  |
| Chongqing University                      | China  | Chaolin Liu  | D  | Honorable Mention  |
| Beihang University                        | China  | Zengchang Qin  | D  | Honorable Mention  |
| South China University of Technology      | China  | Xiaolan Liu  | D  | Honorable Mention  |
|   | 北京理工大学 National University of Defense Technology New York University Hohai University  Central University of Finance and South China University of Technology  Wuhan University  XIDIAN UNIVERSITY  Chongqing University  Beihang University | 北京理工大学 China  National University of Defense Technology China  New York University USA  Hohai University China  Central University of Finance and China  South China University of Technology China  Wuhan University China  XIDIAN UNIVERSITY China  Chongqing University China  Beihang University China | 北京理工大学 China 张文娟  National University of Defense Technology China Dongqiu Xing  New York University USA Shizhu Liu  Hohai University China Xueying Zhang  Central University of Finance and China Mu Lin  South China University of Technology China Haiwen Dong  Wuhan University China Yi Luo  XIDIAN UNIVERSITY China Miao Yu  Chongqing University China Chaolin Liu  Beihang University China Zengchang Qin | 北京理工大学 China 张文娟 D  National University of Defense Technology China Dongqiu Xing D  New York University USA Shizhu Liu D  Hohai University China Xueying Zhang D  Central University of Finance and China Mu Lin D  South China University of Technology China Haiwen Dong D  Wuhan University China Yi Luo D  XIDIAN UNIVERSITY China Miao Yu D  Chongqing University China Chaolin Liu D  Beihang University China Zengchang Qin D |

| institution                               | Country/Region   | Advisor  | Problem  | designation  |
|---|--|--|--|--|
| Shenyang Ligong University                | China  | Ke Xu  | D  | Honorable Mention  |
| Xiamen University                         | China  | Yilin Hu   | D  | Honorable Mention  |
| XIDIAN UNIVERSITY                         | China  | Jin Xie  | D  | Honorable Mention  |
| Harbin Institute of Technology, Shenzhen  | China  | Feng Shi   | D  | Honorable Mention  |
| Xidian University                         | China  | Shengli Zhang  | D  | Honorable Mention  |
| Chongqing University                      | China  | QU GONG  | D  | Honorable Mention  |
| Anhui University of Finance and Economics | China  | Tao Feng   | D  | Honorable Mention  |
| Harbin Institute of Technology, Shenzhen  | China  | Ciwei Kuang  | D  | Honorable Mention  |
| 兰州大学                                      | China  | wangsheng  | D  | Honorable Mention  |
| Hangzhou City University                  | China  | Kang Xusheng   | D  | Honorable Mention  |
| National University of Defense Technology | China  | Liang Yan  | D  | Honorable Mention  |
|   | Xiamen University  XIDIAN UNIVERSITY  Harbin Institute of Technology, Shenzhen  Xidian University  Chongqing University  Anhui University of Finance and Economics  Harbin Institute of Technology, Shenzhen  兰州大学  Hangzhou City University | Shenyang Ligong University China  Xiamen University China  XIDIAN UNIVERSITY China  Harbin Institute of Technology, Shenzhen China  Xidian University China  Chongqing University China  Anhui University of Finance and Economics China  Harbin Institute of Technology, Shenzhen China  兰州大学 China  Hangzhou City University China | Shenyang Ligong University China Ke Xu  Xiamen University China Yilin Hu  XIDIAN UNIVERSITY China Jin Xie  Harbin Institute of Technology, Shenzhen China Feng Shi  Xidian University China Shengli Zhang  Chongqing University China QU GONG  Anhui University of Finance and Economics China Tao Feng  Harbin Institute of Technology, Shenzhen China Ciwei Kuang  兰州大学 China wangsheng  Hangzhou City University China Kang Xusheng | Shenyang Ligong University China Ke Xu D Xiamen University China Yilin Hu D XIDIAN UNIVERSITY China Jin Xie D Harbin Institute of Technology, Shenzhen China Feng Shi D Xidian University China Shengli Zhang D Chongqing University China QU GONG D Anhui University of Finance and Economics China Tao Feng D Harbin Institute of Technology, Shenzhen China Ciwei Kuang D  兰州大学 China wangsheng D Hangzhou City University China Kang Xusheng D |

| Ctrl #  | institution                   | Country/Region | Advisor       | Problem | designation       |
|---------|-------------------------------|----------------|---------------|---------|-------------------|
| 2420574 | Tsinghua University           | China          | Liang Heng    | D       | Honorable Mention |
| 2420755 | Zhejiang Wanli University     | China          | Jian Huang    | D       | Honorable Mention |
| 2420871 | Jilin University              | China          | HAN Xiaosong  | D       | Honorable Mention |
| 2420997 | Jilin University              | China          | LIU Dayan     | D       | Honorable Mention |
| 2421018 | Jilin University              | China          | LIU Tianqing  | D       | Honorable Mention |
| 2421274 | Jilin University              | China          | ZHOU Mingjun  | D       | Honorable Mention |
| 2421323 | Hohai University              | China          | Xueying Zhang | D       | Honorable Mention |
| 2421408 | East China Normal University  | China          | Dianming Wu   | D       | Honorable Mention |
| 2421436 | Jilin University              | China          | SUN Tiegang   | D       | Honorable Mention |
| 2421525 | Peking University             | China          | Linlin Dai    | D       | Honorable Mention |
| 2421660 | China Agricultural University | China          | Hui Zou       | D       | Honorable Mention |
| 4       |                               |                |               |         |                   |

|   | Country/Region  |   | $\overline{}$  | designation   |
|---|---|---|--|---|
| XIDIAN UNIVERSITY                         | China   | Lingling Huang  | D  | Honorable Mention   |
| Chongqing University                      | China   | Jianwen Xu  | D  | Honorable Mention   |
| University of Electronic Science and      | China   | Yan-Fei Jing  | D  | Honorable Mention   |
| Xuzhou university of technology           | China   | Guo Xingdao   | D  | Honorable Mention   |
| South China University of Technology      | China   | Bo Xie  | D  | Honorable Mention   |
| East China Normal University              | China   | Yushi Huang   | D  | Honorable Mention   |
| Southwest University                      | China   | Yanxiong Yan  | D  | Honorable Mention   |
| Anhui University of Finance and Economics | China   | Wei Zhang   | D  | Honorable Mention   |
| Anhui University                          | China   | JUNTING ZHANG   | D  | Honorable Mention   |
| Zhejiang University                       | China   | Zhiyi TAN   | D  | Honorable Mention   |
| Beijing Normal University                 | China   | Yuqi Zhu  | D  | Honorable Mention   |
| (   | Chongqing University  University of Electronic Science and  Xuzhou university of technology  South China University of Technology  East China Normal University  Southwest University  Anhui University of Finance and Economics  Anhui University  Zhejiang University | Chongqing University  China  University of Electronic Science and  China  Xuzhou university of technology  China  South China University of Technology  China  East China Normal University  China  Southwest University  China  Anhui University of Finance and Economics  China  Anhui University  China  China  China  China | Chongqing University  China  Jianwen Xu  University of Electronic Science and  China  China  Yan-Fei Jing  Xuzhou university of technology  China  Bo Xie  East China Normal University  China  Yushi Huang  Southwest University  China  Yanxiong Yan  Anhui University of Finance and Economics  China  Wei Zhang  Anhui University  China  JUNTING ZHANG  Zhejiang University  China  Zhiyi TAN | Chongqing University  China  Jianwen Xu  D  University of Electronic Science and  China  Yan-Fei Jing  D  Xuzhou university of technology  China  Guo Xingdao  D  South China University of Technology  China  Bo Xie  D  East China Normal University  China  Yushi Huang  D  Southwest University  China  Yanxiong Yan  D  Anhui University of Finance and Economics  China  JUNTING ZHANG  D  Zhejiang University  China  Zhiyi TAN  D |

| institution                               | Country/Region  | Advisor   | Problem   | designation  |
|---|---|---|---|--|
| Ocean University of China                 | China   | Xinlei Zhu  | D   | Honorable Mention  |
| Zhejiang Gongshang University             | China   | Xuemei Dong   | D   | Honorable Mention  |
| Hohai University                          | China   | Hua Chen  | D   | Honorable Mention  |
| Hefei University of Technology            | China   | Guiqing Liu   | D   | Honorable Mention  |
| Chang'an University                       | China   | Hongzhi Xue   | D   | Honorable Mention  |
| Chang'an University                       | China   | Meng Zhang  | D   | Honorable Mention  |
| Nankai University                         | China   | Xingyuan Qing   | D   | Honorable Mention  |
| Hunan Institute of Science and Technology | China   | Yougang Ke  | D   | Honorable Mention  |
| XIDIAN UNIVERSITY                         | China   | Yuehang Liu   | D   | Honorable Mention  |
| Southwest University                      | China   | Wei Huang   | D   | Honorable Mention  |
| Chongqing University                      | China   | Hu Xiaobing   | D   | Honorable Mention  |
|   | Ocean University of China  Zhejiang Gongshang University  Hohai University  Hefei University of Technology  Chang'an University  Chang'an University  Nankai University  Hunan Institute of Science and Technology  XIDIAN UNIVERSITY  Southwest University | Ocean University of China  Zhejiang Gongshang University China  Hohai University China  Hefei University of Technology China  Chang'an University China  Chang'an University China  Nankai University China  Hunan Institute of Science and Technology China  XIDIAN UNIVERSITY China  Southwest University China | Ocean University of China China Xinlei Zhu  Zhejiang Gongshang University China Xuemei Dong  Hohai University China Hua Chen  Hefei University of Technology China Guiqing Liu  Chang'an University China Hongzhi Xue  Chang'an University China Meng Zhang  Nankai University China Xingyuan Qing  Hunan Institute of Science and Technology China Yougang Ke  XIDIAN UNIVERSITY China Yuehang Liu  Southwest University China Wei Huang | Ocean University of China  China  China  Xuemei Dong  D  Hohai University  China  Hua Chen  D  Hefei University of Technology  China  Guiqing Liu  D  Chang'an University  China  Hongzhi Xue  D  Chang'an University  China  Meng Zhang  D  Nankai University  China  Xingyuan Qing  D  XIDIAN UNIVERSITY  China  Yuehang Liu  D  Southwest University  China  Wei Huang  D |

| Ctrl #  | institution                              | Country/Region | Advisor       | Problem | designation       |
|---------|--|----------------|---------------|---------|-------------------|
| 2423609 | Northwestern Polytechnical University    | China          | Karenina      | D       | Honorable Mention |
| 2423699 | China University of Petroleum-Beijing at | China          | Jianpeng Wang | D       | Honorable Mention |
| 2423767 | China University of Petroleum-Beijing at | China          | Jianpeng Wang | D       | Honorable Mention |
| 2423803 | Wuhan University                         | China          | 陈 <b>麟瑞</b>   | D       | Honorable Mention |
| 2423861 | Jiangxi University of Finance and        | China          | Yang Shouyuan | D       | Honorable Mention |
| 2423952 | Chongqing University of Science and      | china          | HaiYang Liu   | D       | Honorable Mention |
| 2423955 | Chongqing University of Science and      | china          | HaiYang Liu   | D       | Honorable Mention |
| 2423995 | Central South University                 | China          | DONG Guozhi   | D       | Honorable Mention |
| 2424014 | Hangzhou Dianzi University               | China          | Sen Qin       | D       | Honorable Mention |
| 2424060 | Hangzhou Dianzi University               | China          | Yong Chen     | D       | Honorable Mention |
| 2424084 | Central South University                 | China          | LIU Xinru     | D       | Honorable Mention |
| 4       |  |                |               |         |                   |

| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation       |
|---------|---|----------------|---------------|---------|-------------------|
| 2424090 | Hangzhou Dianzi University                | China          | Zongmao Cheng | D       | Honorable Mention |
| 2424133 | Hangzhou Dianzi University                | China          | Junmin Tang   | D       | Honorable Mention |
| 2424160 | Hangzhou Dianzi University                | China          | Xufeng Chen   | D       | Honorable Mention |
| 2424161 | Hangzhou Dianzi University                | China          | Xufeng Chen   | D       | Honorable Mention |
| 2424190 | Hangzhou Dianzi University                | China          | Jianzhen Liu  | D       | Honorable Mention |
| 2424240 | Chongqing University                      | China          | Hu Xiaobing   | D       | Honorable Mention |
| 2424241 | Hohai University                          | China          | Huili Ma      | D       | Honorable Mention |
| 2424299 | Hunan Agricultural University             | China          | Kai Liu       | D       | Honorable Mention |
| 2424341 | Nanjing University                        | China          | Danping Wen   | D       | Honorable Mention |
| 2424414 | East China Normal University              | China          | Yuanzhi Yao   | D       | Honorable Mention |
| 2424496 | National University of Defense Technology | China          | Ziyang Mao    | D       | Honorable Mention |
| 4       |   |                |               |         | •                 |

| institution                               | Country/Region  | Advisor   | Problem   | designation   |
|---|---|---|---|---|
| National University of Defense Technology | China   | Ziyang Mao  | D   | Honorable Mention   |
| Fuzhou University                         | China   | Yong Zhou   | D   | Honorable Mention   |
| National University of Defense Technology | China   | Ziyang Mao  | D   | Honorable Mention   |
| Donghua University                        | China   | Yuying Hou  | D   | Honorable Mention   |
| National University of Defense Technology | China   | Ziyang Mao  | D   | Honorable Mention   |
| Xi'an Jiaotong University                 | China   | Lei Chen  | D   | Honorable Mention   |
| XIDIAN UNIVERSITY                         | China   | Li Wei  | D   | Honorable Mention   |
| National University of Defense Technology | China   | Yangbin Tang  | D   | Honorable Mention   |
| National University of Defense Technology | China   | Yangbin Tang  | D   | Honorable Mention   |
| XIDIAN UNIVERSITY                         | China   | Zhang Yun   | D   | Honorable Mention   |
| XIDIAN UNIVERSITY                         | China   | Meng Hongyun  | D   | Honorable Mention   |
|   | National University of Defense Technology  Fuzhou University  National University of Defense Technology  Donghua University  National University of Defense Technology  Xi'an Jiaotong University  XIDIAN UNIVERSITY  National University of Defense Technology  National University of Defense Technology  XIDIAN UNIVERSITY | National University of Defense Technology  China  Puzhou University  China  National University of Defense Technology  China  Donghua University  China  National University of Defense Technology  China  Xi'an Jiaotong University  China  XIDIAN UNIVERSITY  China  National University of Defense Technology  China  National University of Defense Technology  China  National University of Defense Technology  China  XIDIAN UNIVERSITY  China  XIDIAN UNIVERSITY  China | National University of Defense Technology  China  Yong Zhou  National University of Defense Technology  China  Ziyang Mao  Donghua University  China  Yuying Hou  National University of Defense Technology  China  Ziyang Mao  Ziyang Mao  China  Ziyang Mao  China  Lei Chen  XI'an Jiaotong University  China  Lei Chen  XIDIAN UNIVERSITY  China  Li Wei  National University of Defense Technology  China  Yangbin Tang  National University of Defense Technology  China  Yangbin Tang  XIDIAN UNIVERSITY  China  Zhang Yun | National University of Defense Technology  China  Ziyang Mao  D  National University  China  Ziyang Mao  D  Donghua University of Defense Technology  China  China  Yuying Hou  D  National University of Defense Technology  China  Ziyang Mao  D  Xi'an Jiaotong University  China  Lei Chen  D  XIDIAN UNIVERSITY  China  Li Wei  D  National University of Defense Technology  China  Yangbin Tang  D  XIDIAN UNIVERSITY  China  Zhang Yun  D |

| institution                           | Country/Region   | Advisor  | Problem   | designation  |
|---------------------------------------|--|--|---|--|
| Beihang University                    | China  | Binghui Guo  | D   | Honorable Mention  |
| Hubei Minzu University                | China  | Ningkui Wang   | D   | Honorable Mention  |
| Zhejiang Gongshang University         | China  | Zhao Heng  | D   | Honorable Mention  |
| Jiangsu University                    | China  | Linhe Zhu  | D   | Honorable Mention  |
| beijing institute of petrochemical    | China  | Huainian Zhang   | D   | Honorable Mention  |
| XIDIAN UNIVERSITY                     | China  | Zhou Shuisheng   | D   | Honorable Mention  |
| Guangzhou University                  | China  | Qingping He  | D   | Honorable Mention  |
| Beijing Foreign Studies University    | China  | Jilong Zhang   | D   | Honorable Mention  |
| Northwestern Polytechnical University | China  | Ligong Wang  | D   | Honorable Mention  |
| Chongqing Technology and Business     | China  | Demei Yuan   | D   | Honorable Mention  |
| Xi'an Jiaotong University             | China  | Kun jia  | D   | Honorable Mention  |
|                                       | Beihang University  Hubei Minzu University  Zhejiang Gongshang University  Jiangsu University  beijing institute of petrochemical  XIDIAN UNIVERSITY  Guangzhou University  Beijing Foreign Studies University  Northwestern Polytechnical University  Chongqing Technology and Business | Beihang University China  Hubei Minzu University China  Zhejiang Gongshang University China  Jiangsu University China  beijing institute of petrochemical  XIDIAN UNIVERSITY China  Guangzhou University China  Beijing Foreign Studies University China  Northwestern Polytechnical University China  Chongqing Technology and Business China | Beihang University  China  Binghui Guo  Hubei Minzu University  China  Zhao Heng  Zhejiang Gongshang University  China  Linhe Zhu  Deijing institute of petrochemical  China  China  China  China  Zhou Shuisheng  China  Guangzhou University  China  China  Qingping He  Beijing Foreign Studies University  China  Ligong Wang  Chongqing Technology and Business  China  Demei Yuan | Beihang University  China  Binghui Guo  D  Hubei Minzu University  China  Zhao Heng  D  Jiangsu University  China  Linhe Zhu  D  beijing institute of petrochemical  China  China  Huainian Zhang  D  XIDIAN UNIVERSITY  China  Zhou Shuisheng  D  Guangzhou University  China  Jilong Zhang  D  Northwestern Polytechnical University  China  Ligong Wang  D  Chongqing Technology and Business  China  Demei Yuan  D |

| institution                                | Country/Region  | Advisor   | Problem   | designation   |
|--|---|---|---|---|
| Huazhong University of Science and         | China   | Jiasheng Tian   | D   | Honorable Mention   |
| Qingdao University of Science and          | China   | Shanliang Zhu   | D   | Honorable Mention   |
| Qingdao University of Science and          | China   | Yanzhao Yang  | D   | Honorable Mention   |
| Jiangsu University                         | China   | Zhen Wang   | D   | Honorable Mention   |
| Southwest Minzu University                 | china   | Kewei Ding  | D   | Honorable Mention   |
| Guilin University of Electronic Technology | China   | Bin Zhao  | D   | Honorable Mention   |
| Beijing Normal University                  | China   | Hu Yuping   | D   | Honorable Mention   |
| Hunan University                           | China   | Ziyao Wang  | D   | Honorable Mention   |
| Northeast Agricultural University          | China   | Qiufeng Wu  | D   | Honorable Mention   |
| Ningbo University                          | China   | Wenchang Luo  | D   | Honorable Mention   |
| Xi'an jiaotong University                  | China   | Ruina Yang  | D   | Honorable Mention   |
|  | Huazhong University of Science and  Qingdao University of Science and  Qingdao University of Science and  Jiangsu University  Southwest Minzu University  Guilin University of Electronic Technology  Beijing Normal University  Hunan University  Northeast Agricultural University  Ningbo University | Huazhong University of Science and China  Qingdao University of Science and China  Qingdao University of Science and China  Jiangsu University China  Southwest Minzu University china  Guilin University of Electronic Technology China  Beijing Normal University China  Hunan University China  Northeast Agricultural University China  Ningbo University China | Huazhong University of Science and China Jiasheng Tian  Qingdao University of Science and China Shanliang Zhu  Qingdao University of Science and China Yanzhao Yang  Jiangsu University China Zhen Wang  Southwest Minzu University china Kewei Ding  Guilin University of Electronic Technology China Bin Zhao  Beijing Normal University China Luyping  Hunan University China Ziyao Wang  Northeast Agricultural University China Qiufeng Wu  Ningbo University China Wenchang Luo | Huazhong University of Science and China Jiasheng Tian D  Qingdao University of Science and China Shanliang Zhu D  Qingdao University of Science and China Yanzhao Yang D  Jiangsu University China Zhen Wang D  Southwest Minzu University China Kewei Ding D  Guillin University of Electronic Technology China Bin Zhao D  Beijing Normal University China Ziyao Wang D  Hunan University China Ziyao Wang D  Northeast Agricultural University China Qiufeng Wu D  Ningbo University China Wenchang Luo D |

| institution                              | Country/Region  | Advisor  | Problem  | designation  |
|--|---|--|--|--|
| Inner Mongolia University of Finance and | China   | Chunhong Hao   | D  | Honorable Mention  |
| Tiangong University                      | China   | Luo Shijie   | D  | Honorable Mention  |
| Hangzhou Foreign Languages School        | China   | Shen Yaoting   | D  | Honorable Mention  |
| Beihang University                       | China   | Feng Wei   | D  | Honorable Mention  |
| Xiamen University                        | China   | Bokai Lai  | D  | Honorable Mention  |
| 东 <b>南大学</b>                             | China   | 赵 <b>煜</b>   | D  | Honorable Mention  |
| Southwestern University of Finance and   | China   | Huang Mian   | D  | Honorable Mention  |
| Beijing Forestry University              | China   | Yuxuan Zhu   | D  | Honorable Mention  |
| Central University of Finance and        | China   | Jiabei Wang  | D  | Honorable Mention  |
| University of Southampton                | The United Kingdom  | Kunrong Zhang  | D  | Honorable Mention  |
| University of International Business and | China   | None   | D  | Honorable Mention  |
|  | Inner Mongolia University of Finance and Tiangong University  Hangzhou Foreign Languages School  Beihang University  Xiamen University  东南大学  Southwestern University of Finance and  Beijing Forestry University  Central University of Finance and  University of Southampton | Inner Mongolia University of Finance and China Tiangong University China Hangzhou Foreign Languages School China Beihang University China Xiamen University China 东南大学 China Southwestern University of Finance and China Beijing Forestry University China Central University of Finance and China University of Southampton The United Kingdom | Inner Mongolia University of Finance and China Chunhong Hao  Tiangong University China Luo Shijie  Hangzhou Foreign Languages School China Shen Yaoting  Beihang University China Feng Wei  Xiamen University China Bokai Lai  东南大学 China 赵煜  Southwestern University of Finance and China Huang Mian  Beijing Forestry University China Jiabei Wang  University of Southampton The United Kingdom Kunrong Zhang | Inner Mongolia University of Finance and China Chunhong Hao D  Tiangong University China Luo Shijie D  Hangzhou Foreign Languages School China Shen Yaoting D  Beihang University China Feng Wei D  Xiamen University China Bokai Lai D  东南大学 China 赵煜 D  Southwestern University of Finance and China Huang Mian D  Beijing Forestry University China Yuxuan Zhu D  Central University of Finance and China Jiabei Wang D  University of Southampton The United Kingdom Kunrong Zhang D |

| institution                              | Country/Region   | Advisor   | Problem   | designation   |
|--|--|---|---|---|
| Chongqing Jiaotong University            | China  | Lei Zhang   | D   | Honorable Mention   |
| Central South University of Forestry and | China  | Jun Pan   | D   | Honorable Mention   |
| Nanjing Tech University                  | China  | Guoqing Liu   | D   | Honorable Mention   |
| Beihang University                       | China  | Yuyin He  | D   | Honorable Mention   |
| Anhui University of Science and          | China  | Hongxue Zhang   | D   | Honorable Mention   |
| Pingdingshan University                  | China  | Lei Yan   | D   | Honorable Mention   |
| Jiangxi University of Chinese Medicine   | China  | Weicai Song   | D   | Honorable Mention   |
| Zhejiang Chinese Medical University      | China  | Rong Long   | D   | Honorable Mention   |
| Wuhan Univercity                         | China  | Lei Ling  | D   | Honorable Mention   |
| Zhejiang Chinese Medical University      | China  | Gehong Li   | D   | Honorable Mention   |
| Shanghaitech University                  | China  | None  | D   | Honorable Mention   |
|  | Chongqing Jiaotong University  Central South University of Forestry and  Nanjing Tech University  Beihang University  Anhui University of Science and  Pingdingshan University  Jiangxi University of Chinese Medicine  Zhejiang Chinese Medical University  Wuhan Univercity  Zhejiang Chinese Medical University | Chongqing Jiaotong University  China  Central South University of Forestry and  China  Nanjing Tech University  China  Beihang University  China  Anhui University of Science and  China  Pingdingshan University  China  Jiangxi University of Chinese Medicine  China  Zhejiang Chinese Medical University  China  Zhejiang Chinese Medical University  China  Zhejiang Chinese Medical University  China | Chongqing Jiaotong University  China  Central South University of Forestry and  China  Jun Pan  Nanjing Tech University  China  Guoqing Liu  Beihang University  China  Anhui University of Science and  China  Hongxue Zhang  Pingdingshan University  China  Lei Yan  Jiangxi University of Chinese Medicine  China  Weicai Song  Zhejiang Chinese Medical University  China  Lei Ling  Zhejiang Chinese Medical University  China  Gehong Li | Chongqing Jiaotong University  China  Lei Zhang  D  Central South University of Forestry and  China  Jun Pan  D  Nanjing Tech University  China  Guoqing Liu  D  Beihang University  China  Yuyin He  D  Anhui University of Science and  China  Hongxue Zhang  D  Pingdingshan University  China  Lei Yan  D  Jiangxi University of Chinese Medicine  China  Weicai Song  D  Zhejiang Chinese Medical University  China  Lei Ling  D  Zhejiang Chinese Medical University  China  Gehong Li  D |

| Ctrl #  | institution                      | Country/Region | Advisor        | Problem | designation       |
|---------|----------------------------------|----------------|----------------|---------|-------------------|
| 2428795 | Liaoning Technical University    | China          | Jing Liu       | D       | Honorable Mention |
| 2428867 | Sichuan University               | China          | Xiaohong Wang  | D       | Honorable Mention |
| 2429058 | Huazhong Agricultural University | China          | Xinglong Ren   | D       | Honorable Mention |
| 2429083 | Huazhong Agricultural University | China          | Zhi Li         | D       | Honorable Mention |
| 2429155 | Georgia Institute of Technology  | USA            | Jake Watts     | D       | Honorable Mention |
| 2429162 | Shanghai University              | China          | Hanxiao Liu    | D       | Honorable Mention |
| 2429311 | The Nueva School                 | USA            | Katherine Paur | D       | Honorable Mention |
| 2429339 | New York University              | USA            | Chenghao Li    | D       | Honorable Mention |
| 2429533 | Wenzhou university               | China          | Yanwei Wang    | D       | Honorable Mention |
| 2429565 | Wenzhou university               | China          | Huiling Huang  | D       | Honorable Mention |
| 2429574 | Hainan Normal University         | China          | Qing Zhang     | D       | Honorable Mention |
|         |                                  | •              |                |         |                   |

| Ctrl #  | institution                           | Country/Region | Advisor                | Problem | designation            |
|---------|---------------------------------------|----------------|------------------------|---------|------------------------|
| 2429584 | Wenzhou university                    | China          | Jinsong Fan            | D       | Honorable Mention      |
| 2430115 | Chongqing University of Posts and     | China          | Yijin Zhang            | D       | Honorable Mention      |
| 2400031 | BNU-HKBU United International College | China          | UIC Math Modeling Team | D       | Successful Participant |
| 2400040 | BNU-HKBU United International College | China          | UIC Math Modeling Team | D       | Successful Participant |
| 2400042 | BNU-HKBU United International College | China          | UIC Math Modeling Team | D       | Successful Participant |
| 2400048 | BNU-HKBU United International College | China          | UIC Math Modeling Team | D       | Successful Participant |
| 2400092 | Ningbo University                     | China          | Linlin Gao             | D       | Successful Participant |
| 2400131 | Hebei University of Economics and     | China          | Qingyuan Wang          | D       | Successful Participant |
| 2400149 | Suqian University                     | China          | Chengqiang Wang        | D       | Successful Participant |
| 2400156 | Shanghai University                   | China          | Changjun Yu            | D       | Successful Participant |
| 2400185 | Huazhong University of Science and    | China          | Zhiqiang Jiang         | D       | Successful Participant |
|         |                                       |                |                        |         |                        |

| Ctrl #  | institution                            | Country/Region | Advisor      | Problem | designation            |
|---------|--|----------------|--------------|---------|------------------------|
| 2400211 | Hubei University of Arts and Science   | China          | Xiaoli Li    | D       | Successful Participant |
| 2400286 | Shandong University                    | China          | Jamal Khan   | D       | Successful Participant |
| 2400289 | Taizhou University                     | China          | Yueqing Zhao | D       | Successful Participant |
| 2400298 | Southwestern University of Finance and | China          | Ziying Yang  | D       | Successful Participant |
| 2400300 | Huaqiao University                     | China          | Jinjun Li    | D       | Successful Participant |
| 2400383 | Northwestern Polytechnical University  | China          | Lijing Zhao  | D       | Successful Participant |
| 2400437 | Tianjin University of Science and      | China          | Shiqiu Zheng | D       | Successful Participant |
| 2400440 | Ocean University of China              | China          | Kebo Lv      | D       | Successful Participant |
| 2400467 | Xi'an Jiaotong University              | China          | Hong Weiyi   | D       | Successful Participant |
| 2400474 | South China Agricultural University    | China          | Duxian Nie   | D       | Successful Participant |
| 2400486 | Shandong University                    | China          | Hui Yuan     | D       | Successful Participant |
|         | ·                                      |                |              |         |                        |

| Ctrl #  | institution                            | Country/Region | Advisor      | Problem | designation            |
|---------|--|----------------|--------------|---------|------------------------|
| 2400510 | Northwestern Polytechnical University  | China          | Huayong Xiao | D       | Successful Participant |
| 2400554 | Northwestern Polytechnical University  | China          | Hongwei She  | D       | Successful Participant |
| 2400595 | Northwestern Polytechnical University  | China          | Lulu Pan     | D       | Successful Participant |
| 2400613 | Fudan University                       | China          | Yue Shen     | D       | Successful Participant |
| 2400633 | Tiangong University                    | China          | Wang Xiaoyin | D       | Successful Participant |
| 2400639 | Shanghai University                    | China          | Wei Lv       | D       | Successful Participant |
| 2400647 | Dalian Maritime University             | China          | Yunjie Zhang | D       | Successful Participant |
| 2400656 | Dalian Maritime University             | China          | Yunjie Zhang | D       | Successful Participant |
| 2400721 | Shenyang Jianzhu University            | China          | Tingting Yan | D       | Successful Participant |
| 2400818 | Beijing Normal University              | China          | Yiwei Zhang  | D       | Successful Participant |
| 2400822 | Southwestern University of Finance and | China          | Jun Wang     | D       | Successful Participant |
| 4       |  |                |              |         | ,                      |

| Ctrl #  | institution                        | Country/Region | Advisor        | Problem | designation            |
|---------|------------------------------------|----------------|----------------|---------|------------------------|
| 2400923 | Capital Normal University          | China          | Guo Wenwen     | D       | Successful Participant |
| 2400974 | Central University of Finance and  | China          | Yukun Shi      | D       | Successful Participant |
| 2401023 | Suqian University                  | China          | Zhou Keyuan    | D       | Successful Participant |
| 2401034 | Suqian University                  | China          | Jia zhifu      | D       | Successful Participant |
| 2401065 | Xidian University                  | China          | Yue Song       | D       | Successful Participant |
| 2401140 | Shandong Jianzhu University        | China          | Yajie Chen     | D       | Successful Participant |
| 2401209 | Shanghai University                | China          | Wei Lv         | D       | Successful Participant |
| 2401232 | Shandong Jianzhu University        | China          | Qingli Zhao    | D       | Successful Participant |
| 2401255 | 中国科学技术大学                           | China          | 陈 <b>金杰</b>    | D       | Successful Participant |
| 2401273 | Tongji University                  | China          | Jialiang Xiang | D       | Successful Participant |
| 2401276 | Civil Aviation University of China | China          | na zhao        | D       | Successful Participant |
| 2401273 | Tongji University                  | China          | Jialiang Xiang | D       | Successful Participant |

| Ctrl #  | institution                               | Country/Region    | Advisor       | Problem | designation            |
|---------|---|-------------------|---------------|---------|------------------------|
| 2401310 | China Three Gorges University             | China             | Huang Jie     | D       | Successful Participant |
| 2401315 | Southwest Jiaotong University Hope        | China             | Zhaowei       | D       | Successful Participant |
| 2401497 | University of Macau                       | Macau (SAR) China | Zhi LIU       | D       | Successful Participant |
| 2401528 | China University of Mining and Technology | China             | Sun Bowen     | D       | Successful Participant |
| 2401537 | Central University of Finance and         | China             | Junjie Xia    | D       | Successful Participant |
| 2401565 | Ocean University of China                 | China             | Jian Wang     | D       | Successful Participant |
| 2401600 | Ningxia University                        | China             | Wenshuai Wang | D       | Successful Participant |
| 2401652 | South China University of Technology      | China             | Bo Xie        | D       | Successful Participant |
| 2401676 | Fudan University                          | China             | Zhijie Cai    | D       | Successful Participant |
| 2401699 | Ocean University of China                 | China             | Kebo Lv       | D       | Successful Participant |
| 2401701 | Beijing Information Science and           | China             | Jian Cao      | D       | Successful Participant |
| 4       |   |                   |               |         |                        |

| University of Finance and     | China  | Yihan Chen   | D  | Successful Participant   |
|-------------------------------|--|--|--|--|
| University of Posts and       | China  | Dongxue Yan  | D  | Successful Participant   |
| nina University of Technology | China  | Caibin Zeng  | D  | Successful Participant   |
| Jniversity                    | China  | Ying Hou   | D  | Successful Participant   |
| nina University of Technology | China  | Yongkuan Cheng   | D  | Successful Participant   |
| University of                 | China  | Xu Jin   | D  | Successful Participant   |
| Iniversity                    | China  | Deng Aijiao  | D  | Successful Participant   |
| uuniversity of Information    | China  | Yaoyi Zhang  | D  | Successful Participant   |
| ı University of Information   | China  | Changyou Wang  | D  | Successful Participant   |
| u University of Information   | China  | Haibo Liu  | D  | Successful Participant   |
| University of Science and     | China  | Xinmin Lyu   | D  | Successful Participant   |
|                               | University of Posts and  Inina University of Technology  Inina University of Technology  University of  University  University of Information  University of Information | University of Posts and China  China  University China  University of Technology China  University of Technology China  University of China  University China  University of Information China  University of Information China  University of Information China | University of Posts and China Dongxue Yan  China University of Technology China Ying Hou  China Yongkuan Cheng  China Yongkuan Cheng  China Xu Jin  China Deng Aijiao  University of Information China Yaoyi Zhang  University of Information China Changyou Wang  University of Information China Haibo Liu | University of Posts and China Dongxue Yan D  Inina University of Technology China Caibin Zeng D  University China Ying Hou D  Inina University of Technology China Yongkuan Cheng D  University of China Xu Jin D  Iniversity China Deng Aijiao D  University of Information China Yaoyi Zhang D  University of Information China Changyou Wang D  University of Information China Haibo Liu D |

| institution                            | Country/Region  | Advisor   | Problem   | designation  |
|--|---|---|---|--|
| Nanjing University                     | China   | Zeng Xiangzhi   | D   | Successful Participant   |
| Shanghai University                    | China   | JingCheng Cai   | D   | Successful Participant   |
| Nanjing University of                  | China   | Ye Jun  | D   | Successful Participant   |
| Shijiazhuangtiedao University          | China   | None  | D   | Successful Participant   |
| Shijiazhuang Tiedao University         | China   | Wenhui Feng   | D   | Successful Participant   |
| Nanjing University of Posts and        | China   | Xinxiu Li   | D   | Successful Participant   |
| East China University of Technology    | China   | Rongsheng WEN   | D   | Successful Participant   |
| Heilongjiang Institute of Construction | China   | Zhang Jing  | D   | Successful Participant   |
| Heilongjiang institute of construction | China   | An Ran  | D   | Successful Participant   |
| Heilongjiang institute of construction | China   | Su Lihong   | D   | Successful Participant   |
| Ocean University of China              | China   | Yuezun Li   | D   | Successful Participant   |
|  | Nanjing University  Shanghai University  Nanjing University of  Shijiazhuangtiedao University  Shijiazhuang Tiedao University  Nanjing University of Posts and  East China University of Technology  Heilongjiang Institute of Construction  Heilongjiang institute of construction | Nanjing University China  Shanghai University China  Nanjing University of China  Shijiazhuangtiedao University China  Shijiazhuang Tiedao University China  Nanjing University of Posts and China  East China University of Technology China  Heilongjiang Institute of Construction China  Heilongjiang institute of construction China  Heilongjiang institute of construction China | Nanjing University  China  Zeng Xiangzhi  China  JingCheng Cai  Nanjing University of  China  Ye Jun  Shijiazhuangtiedao University  China  None  Shijiazhuang Tiedao University  China  Wenhui Feng  Nanjing University of Posts and  China  Xinxiu Li  East China University of Technology  China  Rongsheng WEN  Heilongjiang Institute of Construction  China  An Ran  Heilongjiang institute of construction  China  Su Lihong | Nanjing University China Zeng Xiangzhi D Shanghai University China JingCheng Cai D Nanjing University of China Ye Jun D Shijiazhuangtiedao University China None D Shijiazhuang Tiedao University China Wenhui Feng D Nanjing University of Posts and China Xinxiu Li D East China University of Technology China Rongsheng WEN D Heilongjiang Institute of Construction China An Ran D Heilongjiang institute of construction China Su Lihong D |

| Ctrl #  | institution                            | Country/Region | Advisor          | Problem | designation            |
|---------|--|----------------|------------------|---------|------------------------|
| 2402631 | Heilongjiang institute of construction | China          | Wang Fubin       | D       | Successful Participant |
| 2402661 | Dalian Maritime University             | China          | Lidong Wang      | D       | Successful Participant |
| 2402688 | Dalian Maritime University             | China          | Yunjie Zhang     | D       | Successful Participant |
| 2402732 | Beijing Institute of Technology        | China          | Houbao Xu        | D       | Successful Participant |
| 2402740 | Shanghai University                    | China          | Aiping Jiang     | D       | Successful Participant |
| 2402767 | China Three Gorges University          | China          | Yonggang Zhu     | D       | Successful Participant |
| 2402824 | Northwest A&F University               | China          | Sijie Liu        | D       | Successful Participant |
| 2402878 | Nanjing University of Posts and        | China          | mzg@njupt.edu.cn | D       | Successful Participant |
| 2402900 | Communication University of China      | China          | Qingmiao Jiang   | D       | Successful Participant |
| 2402917 | Zhejiang University of Finance &       | China          | Zhenghua Zhou    | D       | Successful Participant |
| 2402936 | Ningbo University                      | China          | Guoqing Li       | D       | Successful Participant |
|         |  |                |                  |         |                        |

| 2402945 Shenyang Urban Construction University China Lilii Guo D Successful Participant  2402948 Shenyang Urban Construction University China Liang Jiao D Successful Participant  2402955 Shenyang Urban Construction University China Liang Jiao D Successful Participant  2403006 Zhengzhou University China Li Mingkun D Successful Participant  2403023 Shanghai University China Li Mingkun D Successful Participant  2403079 Southwest Petroleum University China Lingna Li D Successful Participant  2403082 Nanjing Normal University China Yingnan Zhang D Successful Participant  2403100 Jianghan University China Xin Xiong D Successful Participant  2403104 South China University of Technology China Xiaolan Liu D Successful Participant  2403105 Beijing Jiaotong University China Size Li D Successful Participant   | Ctrl #  | institution                            | Country/Region | Advisor       | Problem | designation            |
|--|---------|--|----------------|---------------|---------|------------------------|
| 2403955 Shenyang Urban Construction University  China  Liang Jiao  D Successful Participant  2403006 Zhengzhou University  China  Li Mingkun  D Successful Participant  2403079 Southwest Petroleum University  China  Lingna Li  D Successful Participant  2403082 Nanjing Normal University  China  Yingnan Zhang  D Successful Participant  2403100 Jianghan University  China  Xin Xiong  D Successful Participant  2403104 South China University of Technology  China  Xiaolan Liu  D Successful Participant  2403105 Beijing Jiaotong University  China  Size Li  D Successful Participant  | 2402945 | Shenyang Urban Construction University | China          | Hui Yin       | D       | Successful Participant |
| 2403006 Zhengzhou University  China  Li Mingkun  D Successful Participant  Li Mingkun  D Successful Participant  Li Mingkun  D Successful Participant  Lingna Li  D Successful Participant  China  Lingna Li  D Successful Participant  Lingna Li  Lingna Li  Lingna Li  D Successful Participant  Lingna Li  Lin | 2402948 | Shenyang Urban Construction University | China          | Lili Guo      | D       | Successful Participant |
| 2403023 Shanghai University  China  Li Mingkun  D Successful Participant  2403079 Southwest Petroleum University  China  Lingna Li  D Successful Participant  2403082 Nanjing Normal University  China  Yingnan Zhang  D Successful Participant  2403100 Jianghan University  China  Xin Xiong  D Successful Participant  2403104 South China University of Technology  China  Xiaolan Liu  D Successful Participant  2403105 Beijing Jiaotong University  China  Size Li  D Successful Participant  | 2402955 | Shenyang Urban Construction University | China          | Liang Jiao    | D       | Successful Participant |
| 2403079 Southwest Petroleum University  China  Lingna Li  D Successful Participant  2403082 Nanjing Normal University  China  Yingnan Zhang  D Successful Participant  2403100 Jianghan University  China  Xin Xiong  D Successful Participant  2403104 South China University of Technology  China  Xiaolan Liu  D Successful Participant  2403105 Beijing Jiaotong University  China  Size Li  D Successful Participant  | 2403006 | Zhengzhou University                   | China          | Xiangnan Qin  | D       | Successful Participant |
| 2403082 Nanjing Normal University  China  Yingnan Zhang  D Successful Participant  Z403100 Jianghan University  China  Xin Xiong  D Successful Participant  Z403104 South China University of Technology  China  Xiaolan Liu  D Successful Participant  Z403105 Beijing Jiaotong University  China  Size Li  D Successful Participant  | 2403023 | Shanghai University                    | China          | Li Mingkun    | D       | Successful Participant |
| 2403100 Jianghan University  China  Xin Xiong  D  Successful Participant  2403104 South China University of Technology  China  Xiaolan Liu  D  Successful Participant  2403105 Beijing Jiaotong University  China  Size Li  D  Successful Participant  | 2403079 | Southwest Petroleum University         | China          | Lingna Li     | D       | Successful Participant |
| 2403104 South China University of Technology China Xiaolan Liu D Successful Participant  2403105 Beijing Jiaotong University China Size Li D Successful Participant  | 2403082 | Nanjing Normal University              | China          | Yingnan Zhang | D       | Successful Participant |
| 2403105 Beijing Jiaotong University China Size Li D Successful Participant   | 2403100 | Jianghan University                    | China          | Xin Xiong     | D       | Successful Participant |
|  | 2403104 | South China University of Technology   | China          | Xiaolan Liu   | D       | Successful Participant |
| 2403166 Wuhan University China Jiangtao Li D Successful Participant  | 2403105 | Beijing Jiaotong University            | China          | Size Li       | D       | Successful Participant |
|  | 2403166 | Wuhan University                       | China          | Jiangtao Li   | D       | Successful Participant |

| Ctrl #  | institution                                | Country/Region | Advisor        | Problem | designation            |
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| 2403191 | China University of Petroleum              | China          | Xian Shan      | D       | Successful Participant |
| 2403192 | Beijing Jiaotong University                | China          | Li Chuanqi     | D       | Successful Participant |
| 2403220 | Zhejiang University of Finance and         | China          | Jie Sun        | D       | Successful Participant |
| 2403264 | China University of Petroleum (East China) | China          | Liu Yusong     | D       | Successful Participant |
| 2403330 | China University of Petroleum (East China) | China          | Liu Yusong     | D       | Successful Participant |
| 2403337 | Jinan University                           | China          | Chuanlin Zhang | D       | Successful Participant |
| 2403357 | Beijing Jiaotong University                | China          | Size Li        | D       | Successful Participant |
| 2403394 | South China University of Technology       | China          | Shenquan Liu   | D       | Successful Participant |
| 2403473 | Anhui Polytechnic University               | China          | Zhedong Xu     | D       | Successful Participant |
| 2403475 | Xi'an University of Architecture and       | China          | Hongjin Ma     | D       | Successful Participant |
| 2403486 | Minzu University of China                  | China          | Teachers Group | D       | Successful Participant |
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| 2403497 | Beihang University                      | China          | Binghui Guo   | D       | Successful Participant |
| 2403573 | China University of Petroleum           | China          | Xijun Liang   | D       | Successful Participant |
| 2403581 | Shandong University of Science and      | China          | Ziye Zhang    | D       | Successful Participant |
| 2403618 | 东华 <b>大学</b>                            | China          | 冯可            | D       | Successful Participant |
| 2403620 | Shanghai Lixin University of Accounting | China          | Zhengyi Jiang | D       | Successful Participant |
| 2403636 | Dalian Maritime University              | China          | Xuesong Liu   | D       | Successful Participant |
| 2403638 | Dalian Maritime University              | China          | Xuesong Liu   | D       | Successful Participant |
| 2403662 | South China Agricultral University      | China          | Chunlin Lei   | D       | Successful Participant |
| 2403677 | South China Normal University           | China          | Liwen Ke      | D       | Successful Participant |
| 2403695 | Shanghai University of International    | China          | CiHai Sun     | D       | Successful Participant |
| 2403763 | ShanghaiTech University                 | China          | Baolong Liu   | D       | Successful Participant |
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| institution                              | Country/Region  | Advisor   | Problem   | designation  |
|--|---|---|---|--|
| Shanghai University                      | China   | Xiaoxia Wang  | D   | Successful Participant   |
| University of International Business and | China   | Shucong Zhang   | D   | Successful Participant   |
| Nanjing University of                    | China   | Ye Jun  | D   | Successful Participant   |
| BNU-HKBU United International College    | China   | UIC Math Modeling Team  | D   | Successful Participant   |
| BNU-HKBU United International College    | China   | UIC Math Modeling Team  | D   | Successful Participant   |
| Wenzhou University                       | China   | Hengguo Yu  | D   | Successful Participant   |
| Tianjin Foreign Studies University       | China   | Nvze Wu   | D   | Successful Participant   |
| University of Nottingham Ningbo China    | China   | Shizhuang Gu  | D   | Successful Participant   |
| Shanghai University                      | China   | Pingliang Huang   | D   | Successful Participant   |
| Beijing Institute of Technology          | China   | Li Xuewen   | D   | Successful Participant   |
| Beijing Institute of Technology          | China   | Li Xuewen   | D   | Successful Participant   |
|  | Shanghai University  University of International Business and  Nanjing University of  BNU-HKBU United International College  BNU-HKBU United International College  Wenzhou University  Tianjin Foreign Studies University  University of Nottingham Ningbo China  Shanghai University  Beijing Institute of Technology | Shanghai University  China  University of International Business and  China  Nanjing University of  China  BNU-HKBU United International College  China  BNU-HKBU United International College  China  Wenzhou University  China  Tianjin Foreign Studies University  China  University of Nottingham Ningbo China  China  Shanghai University  China  Beijing Institute of Technology  China | Shanghai University  China  Xiaoxia Wang  University of International Business and  China  Shucong Zhang  Nanjing University of  China  Hengun Yu  Tianjin Foreign Studies University  China  China  Nvze Wu  University of Nottingham Ningbo China  China  China  Shizhuang Gu  Shanghai University  China  Pingliang Huang  Beijing Institute of Technology  China  Li Xuewen | Shanghai University  China  Xiaoxia Wang  D  University of International Business and  China  Shucong Zhang  D  Nanjing University of  China  Ye Jun  D  BNU-HKBU United International College  China  UIC Math Modeling Team  D  Wenzhou University  China  Hengguo Yu  D  University of Nottingham Ningbo China  China  China  Shizhuang Gu  D  Shanghai University  China  Pingliang Huang  D  Beijing Institute of Technology  China  Li Xuewen  D |

| institution                                | Country/Region   | Advisor  | Problem   | designation   |
|--|--|--|---|---|
| Beijing Institute of Technology            | China  | Li Xuewen  | D   | Successful Participant  |
| BNU-HKBU United International College      | China  | UIC Math Modeling Team   | D   | Successful Participant  |
| China University of Petroleum(East China)  | China  | Yonggang Chen  | D   | Successful Participant  |
| Southeast University Chengxian College     | China  | Junhua Fan   | D   | Successful Participant  |
| Shanghai Lixin University of Accounting    | China  | Longjun Zhan   | D   | Successful Participant  |
| China University of Petroleum (East China) | China  | RENGANG SHI  | D   | Successful Participant  |
| Shanghai University of International       | China  | MingSheng Yuan   | D   | Successful Participant  |
| Beijing Institute of Technology            | China  | Yongfei Fang   | D   | Successful Participant  |
| China University of Petroleum (East China) | China  | Shi Zhanglei   | D   | Successful Participant  |
| Dalian University of Technology            | China  | Qiuhui Pan   | D   | Successful Participant  |
| China University of Petroleum(East China)  | China  | YANG LEI   | D   | Successful Participant  |
|  | Beijing Institute of Technology  BNU-HKBU United International College  China University of Petroleum(East China)  Southeast University Chengxian College  Shanghai Lixin University of Accounting  China University of Petroleum (East China)  Shanghai University of International  Beijing Institute of Technology  China University of Petroleum (East China)  Dalian University of Technology | Beijing Institute of Technology China  BNU-HKBU United International College China  China University of Petroleum(East China) China  Southeast University Chengxian College China  Shanghai Lixin University of Accounting China  China University of Petroleum (East China) China  Shanghai University of International China  Beijing Institute of Technology China  China University of Petroleum (East China) China  Dalian University of Technology China | Beijing Institute of Technology  China  Li Xuewen  BNU-HKBU United International College  China  UIC Math Modeling Team  China University of Petroleum(East China)  China  Yonggang Chen  Southeast University Chengxian College  China  Junhua Fan  Shanghai Lixin University of Accounting  China  Longjun Zhan  China University of Petroleum (East China)  China  RENGANG SHI  Shanghai University of International  China  MingSheng Yuan  Beijing Institute of Technology  China  China  Yongfei Fang  China University of Petroleum (East China)  China  China  Ghina  China  China | Beijing Institute of Technology China Li Xuewen D  BNU-HKBU United International College China UIC Math Modeling Team D  China University of Petroleum(East China) China Yonggang Chen D  Southeast University Chengxian College China Junhua Fan D  Shanghai Lixin University of Accounting China Longjun Zhan D  China University of Petroleum (East China) China RENGANG SHI D  Shanghai University of International China MingSheng Yuan D  Beijing Institute of Technology China Yongfei Fang D  China University of Petroleum (East China) China Shi Zhanglei D  Dalian University of Technology China Qiuhui Pan D |

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|---------|---------------------------------|----------------|---------------|---------|------------------------|
| 2404391 | Dalian University of Technology | China          | Qiuhui Pan    | D       | Successful Participant |
| 2404412 | China University of Petroleum   | CHINA          | Chen Hua      | D       | Successful Participant |
| 2404437 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404440 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404462 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404466 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404479 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404531 | Harbin Engineering University   | China          | Shen Jihong   | D       | Successful Participant |
| 2404557 | Harbin Engineering University   | China          | Zhang Xiaowei | D       | Successful Participant |
| 2404576 | Harbin Engineering University   | China          | Zhang Xiaowei | D       | Successful Participant |
| 2404583 | Harbin Engineering University   | China          | Zhang Xiaowei | D       | Successful Participant |
|         |                                 |                |               |         |                        |

| 2404614 Harbin Engineering University China Zhang Xiaowei D Successful Participant  2404651 Harbin Engineering University China Wang Shujuan D Successful Participant  2404693 Harbin Engineering University China Wang Shujuan D Successful Participant  2404722 Harbin Engineering University China Wang Shujuan D Successful Participant  2404722 Harbin Engineering University China Wang Shujuan D Successful Participant  2404748 Harbin Engineering University China Wang Shujuan D Successful Participant  2404792 Harbin Engineering University China Li Jinru D Successful Participant  2404805 Harbin Engineering University China Li Jinru D Successful Participant  2404946 Harbin Engineering University China Li Jinru D Successful Participant  2405050 Harbin Engineering University China Zhang Haohui D Successful Participant  2405060 China University of Petroleum (East China) China Liu Yusong D Successful Participant | Ctrl #  | institution                                | Country/Region | Advisor       | Problem | designation            |
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| 2404682 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404693 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404722 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404748 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404792 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404805 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404946 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404946 Harbin Engineering University  China  Li Jongping  D Successful Participant  2405005 Harbin Engineering University  China  Zhang Haohui  D Successful Participant   | 2404614 | Harbin Engineering University              | China          | Zhang Xiaowei | D       | Successful Participant |
| 2404693 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404722 Harbin Engineering University  China  Wang Shujuan  D Successful Participant  2404748 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404792 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404805 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404806 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404946 Harbin Engineering University  China  Liu Dongping  D Successful Participant  2405005 Harbin Engineering University  China  Zhang Haohui  D Successful Participant  | 2404651 | Harbin Engineering University              | China          | Zhang Xiaowei | D       | Successful Participant |
| 2404722 Harbin Engineering University China Wang Shujuan D Successful Participant  2404748 Harbin Engineering University China Li Jinru D Successful Participant  2404792 Harbin Engineering University China Li Jinru D Successful Participant  2404805 Harbin Engineering University China Li Jinru D Successful Participant  2404946 Harbin Engineering University China Liu Dongping D Successful Participant  2405005 Harbin Engineering University China Zhang Haohui D Successful Participant  | 2404682 | Harbin Engineering University              | China          | Wang Shujuan  | D       | Successful Participant |
| 2404748 Harbin Engineering University  China  Li Jinru  D Successful Participant  Li Jinru  D Successful Participant  Li Jinru  D Successful Participant  Li Jinru  Li Jinru  D Successful Participant  Liu Dongping  D Successful Participant  | 2404693 | Harbin Engineering University              | China          | Wang Shujuan  | D       | Successful Participant |
| 2404792 Harbin Engineering University  China  Li Jinru  D Successful Participant  And D Successful Participant  Li Jinru  D Successful Participant  Li Jinru  D Successful Participant  And D Successful Participant  Li Jinru  D Successful Participant  Li Jinru  D Successful Participant  | 2404722 | Harbin Engineering University              | China          | Wang Shujuan  | D       | Successful Participant |
| 2404805 Harbin Engineering University  China  Li Jinru  D Successful Participant  2404946 Harbin Engineering University  China  Liu Dongping  D Successful Participant  2405005 Harbin Engineering University  China  Zhang Haohui  D Successful Participant  | 2404748 | Harbin Engineering University              | China          | Wang Shujuan  | D       | Successful Participant |
| 2404946 Harbin Engineering University  China Liu Dongping D Successful Participant  2405005 Harbin Engineering University  China Zhang Haohui D Successful Participant  | 2404792 | Harbin Engineering University              | China          | Li Jinru      | D       | Successful Participant |
| 2405005 Harbin Engineering University China Zhang Haohui D Successful Participant   | 2404805 | Harbin Engineering University              | China          | Li Jinru      | D       | Successful Participant |
|   | 2404946 | Harbin Engineering University              | China          | Liu Dongping  | D       | Successful Participant |
| 2405060 China University of Petroleum (East China) China Liu Yusong D Successful Participant  | 2405005 | Harbin Engineering University              | China          | Zhang Haohui  | D       | Successful Participant |
|   | 2405060 | China University of Petroleum (East China) | China          | Liu Yusong    | D       | Successful Participant |

| institution                               | Country/Region   | Advisor  | Problem   | designation   |
|---|--|--|---|---|
| Beijing Jiaotong University               | China  | Size Li  | D   | Successful Participant  |
| Changchun Normal University               | China  | Dong Zhao  | D   | Successful Participant  |
| Fudan University                          | China  | Yiwei Xu   | D   | Successful Participant  |
| Beijing University of Chemical Technology | China  | Xinhua Jiang   | D   | Successful Participant  |
| Beijing University of Chemical Technology | China  | Weili Guo  | D   | Successful Participant  |
| Donghua University                        | China  | Xiaoyan Liu  | D   | Successful Participant  |
| Jiamusi University                        | China  | Jia Ma   | D   | Successful Participant  |
| University of Shanghai for Science and    | China  | Qinming Liu  | D   | Successful Participant  |
| Central South University                  | China  | Liu Xinru  | D   | Successful Participant  |
| Nanjing University of Science and         | China  | 465044437@qq.com   | D   | Successful Participant  |
| South China University of Technology      | China  | Caibin Zeng  | D   | Successful Participant  |
|   | Changchun Normal University  Fudan University  Beijing University of Chemical Technology  Beijing University of Chemical Technology  Donghua University  Jiamusi University  University of Shanghai for Science and  Central South University  Nanjing University of Science and | Beijing Jiaotong University China Changchun Normal University China Beijing University of Chemical Technology China Beijing University of Chemical Technology China Donghua University China Diamusi University China University China | China Size Li Changchun Normal University China Dong Zhao Fudan University China Yiwei Xu Seijing University of Chemical Technology China Xinhua Jiang Seijing University of Chemical Technology China Weili Guo Conghua University China Xiaoyan Liu Jiamusi University China Jia Ma Jia Ma University of Shanghai for Science and China Qinming Liu Central South University China Liu Xinru Nanjing University of Science and China 465044437@qq.com | China Size Li D  Changchun Normal University China Dong Zhao D  Fudan University China Yiwei Xu D  Beijing University of Chemical Technology China Xinhua Jiang D  Conghua University of Chemical Technology China Weili Guo D  Conghua University China Xiaoyan Liu D  Jiamusi University China Jia Ma D  Jiamusi University China Qinming Liu D  Central South University China Liu Xinru D  Nanjing University of Science and China 465044437@qq.com D |

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| 2405337 | Yantai University                       | China          | Wu Chunxue       | D       | Successful Participant |
| 2405343 | Nantong University                      | China          | Wang han         | D       | Successful Participant |
| 2405352 | Shanghai University of International    | China          | Hai Liu          | D       | Successful Participant |
| 2405353 | Xi'an Jiaotong University               | China          | Jingwen Liu      | D       | Successful Participant |
| 2405381 | Dalian University of Technology         | China          | Qiuhui Pan       | D       | Successful Participant |
| 2405415 | Dalian University of Technology         | China          | Qiuhui Pan       | D       | Successful Participant |
| 2405427 | Dalian University of Technology         | China          | Qiuhui Pan       | D       | Successful Participant |
| 2405478 | Shanghai Lixin University of Accounting | China          | Tianhong Lu      | D       | Successful Participant |
| 2405496 | Nanjing University of Science and       | China          | 465044437@qq.com | D       | Successful Participant |
| 2405500 | Civil Aviation University of China      | China          | Jing Guan        | D       | Successful Participant |
| 2405502 | Xi'an University of Architecture and    | China          | Ming Di          | D       | Successful Participant |
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| 2405503 | Wuhan University                    | China          | Zhong Liuyi    | D       | Successful Participant |
| 2405552 | China University of Petroleum       | China          | Sang Zhaoyang  | D       | Successful Participant |
| 2405641 | Jiangnan University                 | China          | Manfeng Hu     | D       | Successful Participant |
| 2405650 | Fudan University                    | China          | Jin Liu        | D       | Successful Participant |
| 2405663 | Jiangnan University                 | China          | Yaolai Wang    | D       | Successful Participant |
| 2405696 | Jiangnan University                 | China          | Chengcheng Zhu | D       | Successful Participant |
| 2405713 | Xi'an Jiaotong University           | China          | Yiqing Wang    | D       | Successful Participant |
| 2405748 | Wuhan University ofScienceand       | China          | Guici Chen     | D       | Successful Participant |
| 2405762 | Beijing Normal University at Zhuhai | China          | Weiping Wang   | D       | Successful Participant |
| 2405772 | Dalian University of Technology     | China          | Qiuhui Pan     | D       | Successful Participant |
| 2405805 | Dalian University of Technology     | China          | Qiuhui Pan     | D       | Successful Participant |
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| institution                              | Country/Region   | Advisor  | Problem   | designation   |
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| Dalian University of Technology          | China  | Qiuhui Pan   | D   | Successful Participant  |
| Fudan University                         | China  | Xin si yang  | D   | Successful Participant  |
| Dalian University of Technology          | China  | Qiuhui Pan   | D   | Successful Participant  |
| Dalian University of Technology          | China  | Qiuhui Pan   | D   | Successful Participant  |
| Dalian University of Technology          | China  | Qiuhui Pan   | D   | Successful Participant  |
| Shanghai University of Finance and       | China  | Zhe Yin  | D   | Successful Participant  |
| Nanjing University of Science Technology | China  | Lei Xu   | D   | Successful Participant  |
| ShanghaiTech University                  | China  | Gu Yi  | D   | Successful Participant  |
| Guangdong Pharmaceutical University      | China  | Zhihao Guo   | D   | Successful Participant  |
| Shanghai University of International     | China  | Yiqing Han   | D   | Successful Participant  |
| Beijing Institute of Technology          | China  | Wang Hongzhou  | D   | Successful Participant  |
|  | Dalian University of Technology  Dalian University of Technology  Dalian University of Technology  Dalian University of Technology  Shanghai University of Finance and  Nanjing University of Science Technology  ShanghaiTech University  Guangdong Pharmaceutical University  Shanghai University of International | Dalian University of Technology China  Shanghai University of Finance and China  Nanjing University of Science Technology China  ShanghaiTech University China  Guangdong Pharmaceutical University China  Shanghai University of International China | Dalian University of Technology  China  China  Xin si yang  Dalian University of Technology  China  Dalian University of Technology  China  Dalian University of Technology  China  Qiuhui Pan  Dalian University of Technology  China  Qiuhui Pan  China  China  Zhe Yin  Nanjing University of Science Technology  China  Lei Xu  Shanghai Tech University  China  China  Zhihao Guo  Shanghai University of International  China  Yiqing Han | Dalian University of Technology China Qiuhui Pan D Fudan University China China Qiuhui Pan D Dalian University of Technology China Qiuhui Pan D Dalian University of Technology China Qiuhui Pan D Dalian University of Technology China Qiuhui Pan D Shanghai University of Finance and China Zhe Yin D Shanghai University of Science Technology China Gu Yi D Guangdong Pharmaceutical University China Zhihao Guo D Shanghai University of International China Yiqing Han D |

| institution                             | Country/Region   | Advisor   | Problem   | designation   |
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| Nanjing University of Posts and         | China  | Lihua Min   | D   | Successful Participant  |
| Nanjing University of Posts and         | China  | Lihua Min   | D   | Successful Participant  |
| Nanjing University of Science and       | China  | Weimin Chen   | D   | Successful Participant  |
| Dalian University of Technology         | China  | Qiuhui Pan  | D   | Successful Participant  |
| Dalian University of Technology         | China  | Qiuhui Pan  | D   | Successful Participant  |
| Dalian University of Technology         | China  | Qiuhui Pan  | D   | Successful Participant  |
| Donghua University                      | China  | Shuai Yan   | D   | Successful Participant  |
| Jinan University                        | China  | Suohai Fan  | D   | Successful Participant  |
| Northeastern University                 | China  | RongFei Zeng  | D   | Successful Participant  |
| Nanjing University of Posts and         | China  | Lihua Min   | D   | Successful Participant  |
| Guangdong University of Foreign Studies | China  | Zeng Li   | D   | Successful Participant  |
|   | Nanjing University of Posts and  Nanjing University of Posts and  Nanjing University of Science and  Dalian University of Technology  Dalian University of Technology  Dalian University of Technology  Donghua University  Jinan University  Northeastern University  Nanjing University of Posts and | Nanjing University of Posts and  China  Nanjing University of Posts and  China  Dalian University of Technology  China  Donghua University  China  Northeastern University  China  Nanjing University of Posts and  China | Nanjing University of Posts and China Lihua Min  Nanjing University of Posts and China Lihua Min  Nanjing University of Science and China Weimin Chen  Dalian University of Technology China Qiuhui Pan  Dalian University of Technology China Qiuhui Pan  Dalian University of Technology China Qiuhui Pan  Donghua University China Shuai Yan  Jinan University China Suohai Fan  Northeastern University China RongFei Zeng  Nanjing University of Posts and China Lihua Min | Nanjing University of Posts and China Lihua Min D  Nanjing University of Posts and China Lihua Min D  Nanjing University of Science and China Weimin Chen D  Dalian University of Technology China Qiuhui Pan D  Dalian University of Technology China Qiuhui Pan D  Dalian University of Technology China Qiuhui Pan D  Donghua University of Technology China Shuai Yan D  Jinan University China Suohai Fan D  Northeastern University China RongFei Zeng D  Nanjing University of Posts and China Lihua Min D |

| institution                                  | Country/Region  | Advisor  | Problem  | designation   |
|--|---|--|--|---|
| Nanjing University of Information Science    | China   | Liguo Weng   | D  | Successful Participant  |
| Nanjing University of Science and            | China   | Haixia Wang  | D  | Successful Participant  |
| Shanghai University of Finance and           | China   | None   | D  | Successful Participant  |
| Nanjing University of Science and            | China   | Hongyi Liu   | D  | Successful Participant  |
| Qinghai University                           | China   | Zhiqian He   | D  | Successful Participant  |
| People's Public Security University of China | China   | Mingxuan Li  | D  | Successful Participant  |
| Panjin Campus of Dalian University of        | China   | Qiuhui Pan   | D  | Successful Participant  |
| Shandong Technology and Business             | China   | Chongyang Liu  | D  | Successful Participant  |
| South China University of Technology         | China   | Xinhui Mao   | D  | Successful Participant  |
| Nanning College For Vocational Technology    | China   | Guang Zhu  | D  | Successful Participant  |
| Shanghai University                          | China   | Jianli Liu   | D  | Successful Participant  |
|  | Nanjing University of Information Science  Nanjing University of Science and  Shanghai University of Finance and  Nanjing University of Science and  Qinghai University  People's Public Security University of China  Panjin Campus of Dalian University of  Shandong Technology and Business  South China University of Technology  Nanning College For Vocational Technology | Nanjing University of Information Science  Nanjing University of Science and  China  Shanghai University of Finance and  China  Nanjing University of Science and  China  Qinghai University  China  People's Public Security University of China  Panjin Campus of Dalian University of  Shandong Technology and Business  China  South China University of Technology  China  Nanning College For Vocational Technology  China | Nanjing University of Information Science  China  Liguo Weng  China  China  Haixia Wang  Shanghai University of Finance and  China  None  Nanjing University of Science and  China  Hongyi Liu  Qinghai University  China  Zhiqian He  People's Public Security University of China  China  Mingxuan Li  Panjin Campus of Dalian University of  China  China  China  Chongyang Liu  South China University of Technology  China  China  China  Chongyang Liu  South China University of Technology  China  Guang Zhu | Nanjing University of Information Science  China  Liguo Weng  D  Nanjing University of Science and  China  Haixia Wang  D  Shanghai University of Finance and  China  None  D  Nanjing University of Science and  China  Hongyi Liu  D  Qinghai University  China  Zhiqian He  D  People's Public Security University of China  China  Mingxuan Li  D  Panjin Campus of Dalian University of  China  China  China  Chongyang Liu  D  South China University of Technology  China  Xinhui Mao  D  Nanning College For Vocational Technology  China  Guang Zhu  D |

| Ctrl #  | institution                           | Country/Region     | Advisor                | Problem | designation            |
|---------|---------------------------------------|--------------------|------------------------|---------|------------------------|
| 2406772 | Changchun Normal University           | China              | Dongping Li            | D       | Successful Participant |
| 2406789 | Donghua University                    | China              | Anqi Li                | D       | Successful Participant |
| 2406797 | University of Nottingham              | The United Kingdom | Jinnan Chen            | D       | Successful Participant |
| 2406831 | Wuhan University of Science and       | China              | Qiang Zhang            | D       | Successful Participant |
| 2406879 | ShanghaiTech University               | China              | Jiayu Zhai             | D       | Successful Participant |
| 2406946 | Nanjing University of Science and     | CHINA              | Xiaocan Jin            | D       | Successful Participant |
| 2406969 | South China University of Technology  | China              | Yongkuan Cheng         | D       | Successful Participant |
| 2407012 | BNU-HKBU United International College | China              | UIC Math Modeling Team | D       | Successful Participant |
| 2407015 | Nanjing University of Science and     | China              | Liwei Liu              | D       | Successful Participant |
| 2407065 | Qingdao University                    | China              | Zhen Liu               | D       | Successful Participant |
| 2407094 | Tianjin Agricultural University       | China              | Zhihong Ma             | D       | Successful Participant |
|         |                                       |                    | ·                      |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor      | Problem | designation            |
|---------|---|----------------|--------------|---------|------------------------|
| 2407110 | Beijing Institute of Technology           | China          | Li Xuewen    | D       | Successful Participant |
| 2407120 | Renmin University of China                | China          | Xiaochen Xie | D       | Successful Participant |
| 2407133 | Guangdong University of Foreign Studies   | China          | Yuheng Liang | D       | Successful Participant |
| 2407215 | Shandong University                       | China          | Chenye Xu    | D       | Successful Participant |
| 2407233 | Shantou University                        | China          | Zejia Xie    | D       | Successful Participant |
| 2407253 | Shantou University                        | China          | Zejia Xie    | D       | Successful Participant |
| 2407267 | Nanjing University Of Finance & Economics | China          | Guoxin Lou   | D       | Successful Participant |
| 2407273 | Shantou University                        | China          | Biao Xu      | D       | Successful Participant |
| 2407287 | Shantou University                        | China          | Yunchi Huang | D       | Successful Participant |
| 2407296 | Central University of Finance and         | China          | Junzhu Zhao  | D       | Successful Participant |
| 2407300 | Shantou University                        | China          | Yunchi Huang | D       | Successful Participant |

| Ctrl #  | institution                          | Country/Region | Advisor          | Problem | designation            |
|---------|--------------------------------------|----------------|------------------|---------|------------------------|
| 2407745 | The Chinese University of Hong Kong, | China          | Akang Wang       | D       | Successful Participant |
| 2407746 | Tianjin Normal University            | China          | Qiaoling Xin     | D       | Successful Participant |
| 2407756 | Hunan Agricultural University        | China          | Mingchun Wang    | D       | Successful Participant |
| 2407794 | Central University of Finance and    | China          | Mu Lin           | D       | Successful Participant |
| 2407815 | Xinjiang University of Finance and   | China          | Liang Xiaohui    | D       | Successful Participant |
| 2407854 | Shanghai Maritime University         | China          | Lihua Zhang      | D       | Successful Participant |
| 2407855 | Huazhong University of Science and   | China          | Feixiong Lu      | D       | Successful Participant |
| 2407922 | North Carolina School of Science and | USA            | Daniel J. Teague | D       | Successful Participant |
| 2407976 | Xiamen University                    | China          | Mingda Wang      | D       | Successful Participant |
| 2407984 | Anhui University of Technology       | China          | Dongmei Luo      | D       | Successful Participant |
| 2407988 | Shanghai University of Finance and   | China          | Shen Juntao      | D       | Successful Participant |
| 4       |                                      |                |                  |         |                        |

| Ctrl #  | institution                            | Country/Region | Advisor             | Problem | designation            |
|---------|--|----------------|---------------------|---------|------------------------|
| 2408259 | Beijing Union University               | China          | Ni Xiaohong         | D       | Successful Participant |
| 2408287 | Beijing Institute of Technology        | China          | Hairui Wen          | D       | Successful Participant |
| 2408292 | SouthWest Petroleum University         | China          | LiFan               | D       | Successful Participant |
| 2408299 | Changsha University of Science &       | China          | Haijun Hu           | D       | Successful Participant |
| 2408327 | Northeastern University                | China          | Li Jingwei          | D       | Successful Participant |
| 2408344 | Ningbo University of Technology        | China          | Yu Teng, Junwei Cai | D       | Successful Participant |
| 2408389 | Beihang University                     | China          | Fengying Xie        | D       | Successful Participant |
| 2408390 | Southwest Jiaotong University          | China          | Ding Haoyang        | D       | Successful Participant |
| 2408405 | China University of Geosciences        | China          | Shi Yong            | D       | Successful Participant |
| 2408437 | Xuzhou Medical University              | China          | Liang Shen          | D       | Successful Participant |
| 2408453 | Xi'an Jiaotong University City College | China          | Feng Wang           | D       | Successful Participant |
| 4       |  |                |                     |         | ·                      |

| Ctrl #  | institution                                | Country/Region | Advisor       | Problem | designation            |
|---------|--|----------------|---------------|---------|------------------------|
| 2408456 | Nanjing Audit University                   | China          | Guidong Liu   | D       | Successful Participant |
| 2408508 | Shanghai University of International       | China          | JianMing Zhu  | D       | Successful Participant |
| 2408580 | North China Electric Power University      | CHINA          | Jiao Lianzu   | D       | Successful Participant |
| 2408619 | Southwest Jiaotong University              | China          | Yiwen Zhang   | D       | Successful Participant |
| 2408639 | Northwestern Polytechnical University      | China          | Lu Liu        | D       | Successful Participant |
| 2408643 | Xuzhou Medical University                  | China          | Zongliang Wen | D       | Successful Participant |
| 2408644 | Xidian University                          | China          | Xuqing Bai    | D       | Successful Participant |
| 2408665 | Northeast Electric Power University        | China          | Xiao Bowei    | D       | Successful Participant |
| 2408761 | School of Zhangjiagang, Jiangsu University | China          | Chen Wei      | D       | Successful Participant |
| 2408889 | Jinan University                           | China          | Mingyuan Sha  | D       | Successful Participant |
| 2408891 | Zhongnan University of Economics and Law   | China          | Zong Xiangyu  | D       | Successful Participant |
|         |  |                |               |         |                        |

| Ctrl #  | institution                                 | Country/Region | Advisor        | Problem | designation            |
|---------|---|----------------|----------------|---------|------------------------|
| 2408892 | Wuhan Institute of Technology               | China          | Wei Wang       | D       | Successful Participant |
| 2408904 | Renmin University of China                  | China          | Kun Ai         | D       | Successful Participant |
| 2408962 | Zhejiang Ocean University                   | China          | Hong Bingyuan  | D       | Successful Participant |
| 2408991 | Beijing University of Civil Engineering and | China          | L.Zhao         | D       | Successful Participant |
| 2408993 | Northwestern Polytechnical University       | China          | Ying Zhang     | D       | Successful Participant |
| 2409033 | Beijing Institute of Technology             | China          | Bin Pang       | D       | Successful Participant |
| 2409095 | China University of Geosciences Beijing     | China          | Steering Group | D       | Successful Participant |
| 2409134 | Nanjing University of Science and           | China          | Zhipeng Qiu    | D       | Successful Participant |
| 2409170 | Beihang University                          | China          | Lei Wang       | D       | Successful Participant |
| 2409191 | Anhui University of Technology              | China          | Hui Yang       | D       | Successful Participant |
| 2409195 | Northwest A&F University                    | CHINA          | Huming LUO     | D       | Successful Participant |
| 4       |   |                |                |         |                        |

| Ctrl #  | institution                         | Country/Region | Advisor       | Problem | designation            |
|---------|-------------------------------------|----------------|---------------|---------|------------------------|
| 2409223 | Wuhan Polytechnic University        | China          | Hua Yang      | D       | Successful Participant |
| 2409247 | Capital University of Economics and | China          | Wandi Zhao    | D       | Successful Participant |
| 2409294 | Guizhou University                  | China          | Wensheng Jia  | D       | Successful Participant |
| 2409337 | Shanghai Zhongqiao Vocational And   | China          | Na Wang       | D       | Successful Participant |
| 2409338 | Wuhan Polytechnic University        | China          | Kang Zhou     | D       | Successful Participant |
| 2409340 | Harbin Institute of Technology      | China          | Hu Hengshan   | D       | Successful Participant |
| 2409342 | Wuhan Polytechnic University        | China          | Kang Zhou     | D       | Successful Participant |
| 2409356 | Harbin Institute of Technology      | China          | Hu Yanwei     | D       | Successful Participant |
| 2409382 | Harbin Institute of Technology      | China          | Li Jia        | D       | Successful Participant |
| 2409387 | Harbin Institute of Technology      | China          | Li Jia        | D       | Successful Participant |
| 2409398 | Gansu Agricultural University       | China          | Shengwei Zhou | D       | Successful Participant |
| 4       |                                     |                |               |         |                        |

| Ctrl #  | institution                       | Country/Region | Advisor      | Problem | designation            |
|---------|-----------------------------------|----------------|--------------|---------|------------------------|
| 2409439 | Shanghai Zhongqiao Vocational and | China          | Na Wang      | D       | Successful Participant |
| 2409440 | Shanghai Jiao Tong University     | China          | Xiaofeng Gao | D       | Successful Participant |
| 2409448 | Northwest A&F University          | China          | Xiaoning Hu  | D       | Successful Participant |
| 2409466 | GanDong College                   | China          | Yating Fan   | D       | Successful Participant |
| 2409525 | Nanjing University of Posts and   | China          | Gaohua Kong  | D       | Successful Participant |
| 2409528 | Nanjing University of Posts and   | China          | Gaohua Kong  | D       | Successful Participant |
| 2409533 | Beijing Institute of Technology   | China          | Bing-Zhao Li | D       | Successful Participant |
| 2409588 | Harbin Institute of Technology    | China          | Liu Wenjie   | D       | Successful Participant |
| 2409656 | Harbin Institute of Technology    | China          | Shi Shengzhu | D       | Successful Participant |
| 2409660 | Harbin Institute of Technology    | China          | Shi Shengzhu | D       | Successful Participant |
| 2409690 | Minzu University of China         | China          | Chuanhua Wei | D       | Successful Participant |
| 4       |                                   |                |              |         |                        |

| Ctrl #  | institution                        | Country/Region | Advisor       | Problem | designation            |
|---------|------------------------------------|----------------|---------------|---------|------------------------|
| 2409692 | Huazhong University of Science and | China          | Zhenyu Zhang  | D       | Successful Participant |
| 2409696 | Shanghai Jiao Tong University      | China          | Xiaofeng Gao  | D       | Successful Participant |
| 2409715 | Shandong University of Science and | China          | Chen Lili     | D       | Successful Participant |
| 2409732 | Beijing Forestry University        | China          | Xiaoyu Wu     | D       | Successful Participant |
| 2409734 | Harbin Institute of Technology     | China          | Tang Tianqi   | D       | Successful Participant |
| 2409745 | Harbin Institute of Technology     | China          | Wang Tianyu   | D       | Successful Participant |
| 2409750 | Beijing Institute of Technology    | China          | Suli Zou      | D       | Successful Participant |
| 2409793 | Beihang University                 | China          | Yin Ziqiao    | D       | Successful Participant |
| 2409831 | Beihang University                 | China          | Binghui Guo   | D       | Successful Participant |
| 2409858 | SUN YAT-SEN UNIVERSITY             | China          | Jiajun Zhang  | D       | Successful Participant |
| 2409886 | Jinan University                   | China          | Hongchao Deng | D       | Successful Participant |
| 4       |                                    |                |               |         |                        |

| institution                               | Country/Region   | Advisor  | Problem  | designation   |
|---|--|--|--|---|
| SUN YAT-SEN UNIVERSITY                    | China  | Jiajun Zhang   | D  | Successful Participant  |
| Shanghai Jiao Tong University             | China  | Xiaofeng Gao   | D  | Successful Participant  |
| Soochow University                        | China  | Ming Cheng   | D  | Successful Participant  |
| Harbin Institute of Technology            | China  | Wu Boying  | D  | Successful Participant  |
| Harbin Institute of Technology            | China  | Wu Boying  | D  | Successful Participant  |
| University of Electronic Science and      | China  | Zhou Yufei   | D  | Successful Participant  |
| Beijing University of Technology          | China  | Han Min  | D  | Successful Participant  |
| Anhui Polytechnic University              | China  | Jinlun Zhang   | D  | Successful Participant  |
| Qingdao University of Technology          | China  | Zhou Limei   | D  | Successful Participant  |
| China University of Political Science and | China  | Mei Mei Gu   | D  | Successful Participant  |
| Hangzhou Normal University                | China  | Zhang Huizeng  | D  | Successful Participant  |
|   | SUN YAT-SEN UNIVERSITY  Shanghai Jiao Tong University  Soochow University  Harbin Institute of Technology  Harbin Institute of Technology  University of Electronic Science and  Beijing University of Technology  Anhui Polytechnic University  Qingdao University of Technology  China University of Political Science and | SUN YAT-SEN UNIVERSITY China  Shanghai Jiao Tong University China  Soochow University China  Harbin Institute of Technology China  University of Electronic Science and China  Beijing University of Technology China  Anhui Polytechnic University China  Qingdao University of Technology China  China  China  China  China  China  China  China | SUN YAT-SEN UNIVERSITY China Jiajun Zhang Shanghai Jiao Tong University China Ming Cheng Harbin Institute of Technology China Wu Boying University of Electronic Science and China Zhou Yufei Beijing University of Technology China Jinlun Zhang Qingdao University of Technology China Zhou Limei China University of Political Science and China Mei Mei Gu | SUN YAT-SEN UNIVERSITY China Jiajun Zhang D Shanghai Jiao Tong University China Xiaofeng Gao D Soochow University China Ming Cheng D Harbin Institute of Technology China Wu Boying D University of Electronic Science and China Zhou Yufei D Anhui Polytechnic University China Jinlun Zhang D China China Zhou Limei D China University of Technology China China Zhou Limei D China University of Political Science and China China Mei Mei Gu D |

| institution                               | Country/Region   | Advisor  | Problem   | designation   |
|---|--|--|---|---|
| North China University of Science and     | China  | Liu Dongmei  | D   | Successful Participant  |
| North China University of Science and     | China  | Liu Dongmei  | D   | Successful Participant  |
| Hunan University                          | China  | Huahui Yan   | D   | Successful Participant  |
| China University of Mining and Technology | China  | Hu Shao  | D   | Successful Participant  |
| China University of Mining and Technology | China  | Hu Shao  | D   | Successful Participant  |
| Harbin Institute of Technology            | China  | Yang Chang   | D   | Successful Participant  |
| Southwest University                      | China  | Minyu Feng   | D   | Successful Participant  |
| Hangzhou Normal University                | China  | Yuexia HUANG   | D   | Successful Participant  |
| Hunan University                          | China  | Zhaohui Yuan   | D   | Successful Participant  |
| Shanghai Normal University                | China  | Shiyi Yin  | D   | Successful Participant  |
| North China Electric Power University     | China  | XiyangXu   | D   | Successful Participant  |
|   | North China University of Science and  North China University of Science and  Hunan University  China University of Mining and Technology  China University of Mining and Technology  Harbin Institute of Technology  Southwest University  Hangzhou Normal University  Hunan University  Shanghai Normal University | North China University of Science and China  North China University of Science and China  Hunan University China  China University of Mining and Technology China  China University of Mining and Technology China  Harbin Institute of Technology China  Southwest University China  Hangzhou Normal University China  Hunan University China  Shanghai Normal University China | North China University of Science and China Liu Dongmei  North China University of Science and China Liu Dongmei  Hunan University China Huahui Yan  China University of Mining and Technology China Hu Shao  China University of Mining and Technology China Hu Shao  Harbin Institute of Technology China Yang Chang  Southwest University China Minyu Feng  Hangzhou Normal University China Yuexia HUANG  Hunan University China Zhaohui Yuan  Shanghai Normal University China Shiyi Yin | North China University of Science and China Liu Dongmei D  Hunan University of Science and China Liu Dongmei D  Hunan University China Huahui Yan D  China University of Mining and Technology China Hu Shao D  China University of Mining and Technology China Hu Shao D  Harbin Institute of Technology China Yang Chang D  Southwest University China Minyu Feng D  Hangzhou Normal University China Yuexia HUANG D  Hunan University China Zhaohui Yuan D  Shanghai Normal University China Shiyi Yin D |

| Ctrl #  | institution                                  | Country/Region | Advisor            | Problem | designation            |
|---------|--|----------------|--------------------|---------|------------------------|
| 2410403 | Century College of Beijing University of     | China          | Huang Youxia       | D       | Successful Participant |
| 2410414 | Sichuan University of Media and              | China          | Na Guo             | D       | Successful Participant |
| 2410437 | Northwestern Polytechnical University        | China          | Min Zhou           | D       | Successful Participant |
| 2410445 | Beihang University                           | China          | Lei Wang           | D       | Successful Participant |
| 2410456 | Century College, Beijing University of Posts | China          | ZHANG,XIAOXI       | D       | Successful Participant |
| 2410461 | Hunan University                             | China          | Zhiqiang You       | D       | Successful Participant |
| 2410495 | Changsha University                          | China          | Wei Liu, Jie Xiong | D       | Successful Participant |
| 2410537 | Sichuan University of Media and              | China          | Na Guo             | D       | Successful Participant |
| 2410546 | Harbin Institute of Technology               | China          | Yin Xunbo          | D       | Successful Participant |
| 2410557 | Zhengzhou University                         | China          | Guobiao Ren        | D       | Successful Participant |
| 2410570 | Xiamen University                            | China          | Meihong Wu         | D       | Successful Participant |
|         |  |                |                    |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2410602 | Harbin Institute of Technology            | China          | Zhang Dazhi   | D       | Successful Participant |
| 2410646 | Guangdong University of Finance &         | China          | Haochi Zhang  | D       | Successful Participant |
| 2410652 | Hangzhou Normal University                | China          | Zhang Huizeng | D       | Successful Participant |
| 2410659 | Guangdong University of Science and       | China          | LI XIAOQIN    | D       | Successful Participant |
| 2410664 | Shenzhen University                       | China          | Ailin Zhang   | D       | Successful Participant |
| 2410683 | Huazhong University of Science and        | China          | Xiaokang Liu  | D       | Successful Participant |
| 2410730 | Chongqing University of Posts and         | China          | Longjun Yin   | D       | Successful Participant |
| 2410736 | China University of Mining and Technology | China          | Xiaoqiu Song  | D       | Successful Participant |
| 2410769 | China University of Mining and Technology | China          | Xiangjuan Yao | D       | Successful Participant |
| 2410800 | China University of Mining and Technology | China          | Ziming Duan   | D       | Successful Participant |
| 2410827 | Beijing Jiaotong University               | China          | Size Li       | D       | Successful Participant |
| d .     |   |                |               |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor              | Problem | designation            |
|---------|---|----------------|----------------------|---------|------------------------|
| 2410914 | China University of Petroleum, Beijing    | China          | Zheng Wenyi          | D       | Successful Participant |
| 2410928 | Tongda College of Nanjing University of   | China          | Faxing Wang,Xiya Yu, | D       | Successful Participant |
| 2410960 | China University of Mining and Technology | China          | Yongqiang Qi         | D       | Successful Participant |
| 2410969 | China University of Mining and Technology | China          | Yongqiang Qi         | D       | Successful Participant |
| 2411020 | Northeastern University                   | China          | Xin Li               | D       | Successful Participant |
| 2411036 | South China University of Technology      | China          | WeiJian Ding         | D       | Successful Participant |
| 2411060 | Dongbei University of Finance and         | China          | Yanrong Zhao         | D       | Successful Participant |
| 2411064 | Wuhan University                          | China          | Zhihao Peng          | D       | Successful Participant |
| 2411075 | Beijing University of Posts and           | China          | Haitong Lan          | D       | Successful Participant |
| 2411114 | Tongda College of Nanjing University of   | China          | Faxing Wang,Xiya Yu, | D       | Successful Participant |
| 2411140 | Beijing Normal University                 | China          | Lecheng Ding         | D       | Successful Participant |

| Ctrl #  | institution                             | Country/Region | Advisor              | Problem | designation            |
|---------|---|----------------|----------------------|---------|------------------------|
| 2411160 | Tongda College of Nanjing University of | China          | Faxing Wang,Xiya Yu, | D       | Successful Participant |
| 2411177 | 北京工业大学                                  | China          | 朱浩                   | D       | Successful Participant |
| 2411266 | Shenzhen University                     | China          | Yanhong Gu           | D       | Successful Participant |
| 2411316 | Xi'an Jiaotong University               | China          | Long Chen            | D       | Successful Participant |
| 2411333 | North China University of Science and   | China          | Qu Jingguo           | D       | Successful Participant |
| 2411392 | Northeastern University                 | China          | Xianpeng Wang        | D       | Successful Participant |
| 2411416 | Jinan University                        | China          | Suohai Fan           | D       | Successful Participant |
| 2411485 | Huazhong University of Science and      | China          | Haoyuan Xu           | D       | Successful Participant |
| 2411499 | Beijing Jiaotong University             | China          | Size Li              | D       | Successful Participant |
| 2411512 | Huazhong University of Science and      | China          | Xiang Li             | D       | Successful Participant |
| 2411567 | Huazhong University of Science and      | China          | Haoyuan Xu           | D       | Successful Participant |

| Ctrl #  | institution                               | Country/Region | Advisor        | Problem | designation            |
|---------|---|----------------|----------------|---------|------------------------|
| 2411591 | University of Science and Technology      | China          | ZhuJing        | D       | Successful Participant |
| 2411603 | Harbin institute of technology            | China          | Charles        | D       | Successful Participant |
| 2411613 | China University of Mining and Technology | China          | Hanxiong Zhang | D       | Successful Participant |
| 2411617 | Beijing Normal University                 | China          | Zhang Yaxin    | D       | Successful Participant |
| 2411627 | Nanjing University of Aeronautics and     | China          | Zhaowei Lou    | D       | Successful Participant |
| 2411628 | University of International Business and  | China          | Wenrui Ye      | D       | Successful Participant |
| 2411705 | Northwestern Polytechnical University     | China          | Min Zhou       | D       | Successful Participant |
| 2411712 | Hangzhou Normal University                | China          | Chu Huang      | D       | Successful Participant |
| 2411717 | Shanghai maritime university              | China          | MEIQIN WEI     | D       | Successful Participant |
| 2411730 | Harbin Institute of Technology            | China          | Rongning Qu    | D       | Successful Participant |
| 2411746 | Huazhong University of Science and        | China          | Yuxuan Mu      | D       | Successful Participant |

| Ctrl #  | institution                                | Country/Region | Advisor       | Problem | designation            |
|---------|--|----------------|---------------|---------|------------------------|
| 2411767 | Harbin Institute of Technology             | China          | Xiaofang Li   | D       | Successful Participant |
| 2411822 | China University of Mining and Technology  | China          | Yansong Fu    | D       | Successful Participant |
| 2411865 | Xi'an International Studies University     | China          | Hongzhu Han   | D       | Successful Participant |
| 2411892 | Tianjin University                         | China          | Zhongjie Han  | D       | Successful Participant |
| 2411905 | Xiamen University                          | China          | Zheng Fang    | D       | Successful Participant |
| 2411930 | Nanjing University of Aeronautics and      | China          | Maodong Pan   | D       | Successful Participant |
| 2411937 | Nanjing University                         | China          | Xianping Tao  | D       | Successful Participant |
| 2411938 | Nanjing University of Aeronautics and      | China          | Maodong Pan   | D       | Successful Participant |
| 2412000 | Renmin University of China                 | China          | Xinzheng Fang | D       | Successful Participant |
| 2412026 | East China University of Political Science | China          | DEQIANG CHEN  | D       | Successful Participant |
| 2412067 | Huazhong University of Science and         | China          | Ruixin Mao    | D       | Successful Participant |
| 4       |  |                |               |         |                        |

| institution                           | Country/Region  | Advisor  | Problem   | designation   |
|---------------------------------------|---|--|---|---|
| Chang'an University                   | China   | Zhongmei Qin   | D   | Successful Participant  |
| Nankai University                     | China   | Jing Yuan  | D   | Successful Participant  |
| Northwestern Polytechnical University | China   | Huayong Xiao   | D   | Successful Participant  |
| Northeastern University               | China   | Shuang Wang  | D   | Successful Participant  |
| Shanghai Jiao Tong University         | China   | Xiaofeng Gao   | D   | Successful Participant  |
| University of science and technology  | China   | zhujing  | D   | Successful Participant  |
| North China University of Science and | China   | Shao Chunfang  | D   | Successful Participant  |
| University College London             | The United Kingdom  | Ge Li  | D   | Successful Participant  |
| Northeastern University               | China   | Dong Ji  | D   | Successful Participant  |
| South China Agricultural University   | China   | Jiajun Liang   | D   | Successful Participant  |
| Northwestern Polytechnical University | China   | Huayong Xiao   | D   | Successful Participant  |
|                                       | Chang'an University  Nankai University  Northwestern Polytechnical University  Northeastern University  Shanghai Jiao Tong University  University of science and technology  North China University of Science and  University College London  Northeastern University  South China Agricultural University | Chang'an University China  Nankai University China  Northwestern Polytechnical University China  Northeastern University China  Shanghai Jiao Tong University China  University of science and technology China  North China University of Science and China  University College London The United Kingdom  Northeastern University China  South China Agricultural University China | Chang'an University China Jing Yuan  Northwestern Polytechnical University China Huayong Xiao  Northeastern University China Shuang Wang  Shanghai Jiao Tong University China Xiaofeng Gao  University of science and technology China Shao Chunfang  North China University of Science and China The United Kingdom Ge Li  Northeastern University China Dong Ji  South China Agricultural University China Jiajun Liang | Chang'an University China Zhongmei Qin D Nankai University China Jing Yuan D Northwestern Polytechnical University China Huayong Xiao D Northeastern University China Shuang Wang D Shanghai Jiao Tong University China Xiaofeng Gao D University of science and technology China Zhujing D North China University of Science and China Shao Chunfang D University College London The United Kingdom Ge Li D South China Agricultural University China Jiajun Liang D |

| institution                              | Country/Region   | Advisor   | Problem  | designation  |
|--|--|---|--|--|
| Jinan University                         | China  | Suohai Fan  | D  | Successful Participant   |
| Wuchang University of Technology         | China  | Cui Shuqi   | D  | Successful Participant   |
| Xiamen University                        | China  | Zhenyao Zheng   | D  | Successful Participant   |
| ZheJiang Police College                  | China  | Yu Xie  | D  | Successful Participant   |
| SUN YAT-SEN University                   | China  | Jianxing Wang   | D  | Successful Participant   |
| University of International Business and | China  |   | D  | Successful Participant   |
| Xiamen University                        | China  | Zhenyao Zheng   | D  | Successful Participant   |
| Shanghai University                      | China  | Shuai Yan   | D  | Successful Participant   |
| Central University of Finance and        | China  | Xinyue Zhang  | D  | Successful Participant   |
| Guangdong University of Science and      | China  | ZHANG WANJUAN   | D  | Successful Participant   |
| Northeastern University (China)          | CHINA  | Songran Liu   | D  | Successful Participant   |
|  | Jinan University  Wuchang University of Technology  Xiamen University  ZheJiang Police College  SUN YAT-SEN University  University of International Business and  Xiamen University  Shanghai University  Central University of Finance and  Guangdong University of Science and | Jinan University  China  Wuchang University of Technology  China  Xiamen University  China  Zhe Jiang Police College  China  SUN YAT-SEN University  China  University of International Business and  China  Xiamen University  China  Shanghai University  China  Central University of Finance and  China  Guangdong University of Science and  China | Jinan University  China  Suohai Fan  Wuchang University of Technology  China  Cui Shuqi  Zhenyao Zheng  ZheJiang Police College  China  Yu Xie  SUN YAT-SEN University  China  Jianxing Wang  University of International Business and  China  Xiamen University  China  Zhenyao Zheng  China  Zhenyao Zheng  China  China  Shuai Yan  Central University of Finance and  China  Xinyue Zhang  Guangdong University of Science and  China  ZHANG WANJUAN | Jinan University  China  Suohai Fan  D  Wuchang University of Technology  China  Cui Shuqi  D  Xiamen University  China  Zhenyao Zheng  D  ZheJiang Police College  China  Yu Xie  D  SUN YAT-SEN University  China  Jianxing Wang  D  University of International Business and  China  China  Zhenyao Zheng  D  Xiamen University  China  Zhenyao Zheng  D  Shanghai University  China  Shuai Yan  D  Central University of Finance and  China  Xinyue Zhang  D  Guangdong University of Science and  China  ZHANG WANJUAN  D |

| Ctrl #  | institution                               | Country/Region | Advisor                | Problem | designation            |
|---------|---|----------------|------------------------|---------|------------------------|
| 2412546 | China University of Mining and Technology | China          | Xinli Suo              | D       | Successful Participant |
| 2412590 | University of Shanghai for Science and    | China          | Hongyu Gao             | D       | Successful Participant |
| 2412591 | BNU-HKBU United International College     | China          | UIC Math Modeling Team | D       | Successful Participant |
| 2412614 | Wuhan University                          | China          | Binbin Lu              | D       | Successful Participant |
| 2412652 | Guangdong University of Science and       | China          | He Xianghong           | D       | Successful Participant |
| 2412665 | Guangdong University of Science and       | China          | He Xianghong           | D       | Successful Participant |
| 2412684 | Nanjing University of Aeronautics and     | China          | Yucong Tang            | D       | Successful Participant |
| 2412689 | Northeastern University                   | China          | Feng Pan               | D       | Successful Participant |
| 2412718 | Sichuan Normal University                 | China          | Yongle Zhang           | D       | Successful Participant |
| 2412724 | Anhui Polytechnic University              | China          | Yuanjun Sang           | D       | Successful Participant |
| 2412761 | Hangzhou Normal University                | China          | Guochun Ma             | D       | Successful Participant |
| d .     |   |                |                        |         |                        |

| institution                               | Country/Region  | Advisor  | Problem   | designation  |
|---|---|--|---|--|
| BNU-HKBU United International College     | China   | UIC Math Modeling Team   | D   | Successful Participant   |
| East China Normal University              | China   | Teacher Group  | D   | Successful Participant   |
| BNU-HKBU United International College     | China   | UIC Math Modeling Team   | D   | Successful Participant   |
| Hangzhou Normal University                | China   | Guochun Ma   | D   | Successful Participant   |
| Huazhong University of Science and        | China   | Xiaoxia Qiu  | D   | Successful Participant   |
| Tongji University                         | China   | xiuqi  | D   | Successful Participant   |
| Northeastern University                   | China   | Fuqiang You  | D   | Successful Participant   |
| Northeastern University                   | China   | Haoran Wang  | D   | Successful Participant   |
| Nanjing University of Posts and           | China   | Sainan Wu  | D   | Successful Participant   |
| NankaiUniversity                          | China   | Lizhonghua   | D   | Successful Participant   |
| China University of Mining and Technology | China   | Hongchang Dong   | D   | Successful Participant   |
|   | East China Normal University  BNU-HKBU United International College  Hangzhou Normal University  Huazhong University of Science and  Tongji University  Northeastern University  Northeastern University  Nanjing University of Posts and  NankaiUniversity | BNU-HKBU United International College China  East China Normal University China  BNU-HKBU United International College China  Hangzhou Normal University China  Huazhong University of Science and China  Tongji University China  Northeastern University China  Northeastern University China  Nanjing University of Posts and China  NankaiUniversity China | BNU-HKBU United International College China UIC Math Modeling Team  East China Normal University China Hangzhou UIC Math Modeling Team  Hangzhou Normal University China Guochun Ma  Huazhong University of Science and China Xiaoxia Qiu  Tongji University China Fuqiang You  Northeastern University China Haoran Wang  Nanjing University of Posts and China Lizhonghua | BNU-HKBU United International College China UIC Math Modeling Team D  East China Normal University China Teacher Group D  BNU-HKBU United International College China UIC Math Modeling Team D  Hangzhou Normal University China Guochun Ma D  Huazhong University of Science and China Xiaoxia Qiu D  Tongji University China xiuqi D  Northeastern University China Fuqiang You D  Northeastern University China Haoran Wang D  Nanjing University of Posts and China Sainan Wu D  NankaiUniversity China Lizhonghua D |

| institution                               | Country/Region   | Advisor   | Problem  | designation   |
|---|--|---|--|---|
| China University of Mining and Technology | China  | Hongchang Dong  | D  | Successful Participant  |
| Northeastern University                   | China  | Fangling Leng   | D  | Successful Participant  |
| University of Science and Technology of   | China  | Haoming Luo   | D  | Successful Participant  |
| Wuhan University                          | China  | Xusisi Qian   | D  | Successful Participant  |
| South China Normal University             | China  | Yang Tan  | D  | Successful Participant  |
| Northwestern Polytechnical University     | China  | Yanwei Dong   | D  | Successful Participant  |
| South China Normal University             | China  | Wu Jiaolian   | D  | Successful Participant  |
| Southwest University of Finance and       | China  | Yun Xiang   | D  | Successful Participant  |
| Huazhong University of Science and        | China  | HAOYUAN XU  | D  | Successful Participant  |
| Beihang University                        | China  | Xiaoqi Wu   | D  | Successful Participant  |
| Chongqing University of Posts and         | China  | XINGYU LU   | D  | Successful Participant  |
|   | China University of Mining and Technology  Northeastern University  University of Science and Technology of  Wuhan University  South China Normal University  Northwestern Polytechnical University  South China Normal University  South China Normal University  Southwest University of Finance and  Huazhong University of Science and  Beihang University | China University of Mining and Technology  China  Northeastern University  China  University of Science and Technology of  China  Wuhan University  China  South China Normal University  China  Northwestern Polytechnical University  China  South China Normal University  China  South China Normal University  China  Huazhong University of Finance and  China  Beihang University  China | China University of Mining and Technology  China  Hongchang Dong  China  Fangling Leng  University of Science and Technology of  China  Wuhan University  China  Yang Tan  Northwestern Polytechnical University  China  Yanwei Dong  South China Normal University  China  Wu Jiaolian  Southwest University of Finance and  China  China  HAOYUAN XU  Beihang University  China  Xiaoqi Wu | China University of Mining and Technology  China  Hongchang Dong  D  Northeastern University  China  Fangling Leng  D  University of Science and Technology of  China  Kusisi Qian  D  South China Normal University  China  Yang Tan  D  Northwestern Polytechnical University  China  Yanwei Dong  D  South China Normal University  China  Wu Jiaolian  D  South China Normal University  China  Yun Xiang  D  Huazhong University of Science and  China  HAOYUAN XU  D  Beihang University  China  Xiaoqi Wu  D |

| Ctrl #  | institution                            | Country/Region | Advisor       | Problem | designation            |
|---------|--|----------------|---------------|---------|------------------------|
| 2413344 | Hangzhou Normal University             | China          | Chu Huang     | D       | Successful Participant |
| 2413377 | Beijing Technology and Business        | China          | Yang Li       | D       | Successful Participant |
| 2413408 | Sichuan University                     | China          | Weiyu Yang    | D       | Successful Participant |
| 2413424 | Northwest A&F University               | China          | Bianxia Yang  | D       | Successful Participant |
| 2413438 | Tianjin University                     | CHINA          | Hong Wang     | D       | Successful Participant |
| 2413468 | Yunnan Normal University               | China          | Binchao Huang | D       | Successful Participant |
| 2413524 | Fudan University                       | China          | Yu Xi         | D       | Successful Participant |
| 2413563 | SouthWestern University of Finance and | China          | Zhiyong Li    | D       | Successful Participant |
| 2413566 | Xiangtan University                    | China          | Chengfu Li    | D       | Successful Participant |
| 2413609 | Sun Yat-sen University                 | China          | Junhao Shi    | D       | Successful Participant |
| 2413611 | Shenzhen University                    | China          | Yanhong Gu    | D       | Successful Participant |
| 4       |  |                |               |         |                        |

| Ctrl #  | institution                           | Country/Region | Advisor       | Problem | designation            |
|---------|---------------------------------------|----------------|---------------|---------|------------------------|
| 2413651 | Xiangtan University                   | China          | Hongliang Liu | D       | Successful Participant |
| 2413708 | Nanjing University of Science and     | China          | Jinhua FAN    | D       | Successful Participant |
| 2413715 | Nanjing University of Science and     | China          | Jinhua FAN    | D       | Successful Participant |
| 2413722 | Xi'an Jiaotong University             | China          | Jian Zu       | D       | Successful Participant |
| 2413735 | SMBU                                  | China          | Zhang Ye      | D       | Successful Participant |
| 2413746 | Northeastern University               | China          | Xiaochen Zhu  | D       | Successful Participant |
| 2413773 | Northeastern University               | China          | JianYou Xu    | D       | Successful Participant |
| 2413838 | Nanjing University of Aeronautics and | China          | Quan Yuan     | D       | Successful Participant |
| 2413859 | Shanghai Jiao Tong University         | China          | Xiaofeng Gao  | D       | Successful Participant |
| 2413889 | Xiangtan University                   | China          | Zhiwu Wen     | D       | Successful Participant |
| 2413910 | Xiangtan University                   | China          | Zhiwu Wen     | D       | Successful Participant |
| 2413910 | Xiangtan University                   | China          | Zhiwu Wen     | D       | Successful Participant |

| institution                               | Country/Region   | Advisor  | Problem  | designation  |
|---|--|--|--|--|
| Central University of Finance and         | China  | wei lu   | D  | Successful Participant   |
| SMBU                                      | China  | Lee Chun   | D  | Successful Participant   |
| 扬州大学                                      | China  | 周旭雯  | D  | Successful Participant   |
| Nanjing University                        | China  | Qian Hu  | D  | Successful Participant   |
| Wuhan University of Science and           | China  | LI Ying  | D  | Successful Participant   |
| Xiangtan University                       | China  | Zhiwu Wen  | D  | Successful Participant   |
| Inner Mongolia Normal University          | China  | None   | D  | Successful Participant   |
| University of Science and Technology      | China  | Xinhui Si  | D  | Successful Participant   |
| East China Normal University              | China  | Zhiding Deng   | D  | Successful Participant   |
| Jilin University                          | China  | LIU Yang   | D  | Successful Participant   |
| China University of Mining and Technology | China  | Yongqiang Qi   | D  | Successful Participant   |
|   | SMBU  扬州大学  Nanjing University  Wuhan University of Science and  Xiangtan University  Inner Mongolia Normal University  University of Science and Technology  East China Normal University  Jilin University | SMBU China  SMBU China  扬州大学 China  Nanjing University China  Wuhan University of Science and China  Xiangtan University China  Inner Mongolia Normal University China  University of Science and Technology China  East China Normal University China  Jilin University China | Central University of Finance and China wei lu  SMBU China Lee Chun  扬州大学 China 周旭雯  Nanjing University China Qian Hu  Wuhan University of Science and China LI Ying  Xiangtan University China Zhiwu Wen  Inner Mongolia Normal University China None  University of Science and Technology China Zhiding Deng  Jilin University China LIU Yang | Central University of Finance and China wei lu D  SMBU China Lee Chun D  扬州大学 China 周旭雯 D  Nanjing University China Qian Hu D  Wuhan University of Science and China LI Ying D  Xiangtan University China Zhiwu Wen D  Inner Mongolia Normal University China None D  University of Science and Technology China Xinhui Si D  East China Normal University China Zhiding Deng D  Jilin University China LIU Yang D |

| institution                           | Country/Region   | Advisor  | Problem   | designation   |
|---------------------------------------|--|--|---|---|
| Northwestern Polytechnical University | China  | Mei Yu   | D   | Successful Participant  |
| Hohai University                      | China  | Fenglian Yang  | D   | Successful Participant  |
| Shandong University(Weihai)           | China  | Bing Xie   | D   | Successful Participant  |
| Beihang University                    | China  | Binghui Guo  | D   | Successful Participant  |
| Shandong University(Weihai)           | China  | Haitao Qi  | D   | Successful Participant  |
| Northeastern University               | China  | Jianyou Xu   | D   | Successful Participant  |
| Shandong University(Weihai)           | China  | Jie Yang   | D   | Successful Participant  |
| Shanghai University of International  | China  | Liu Hai  | D   | Successful Participant  |
| Ningbo University                     | China  | Guochun Xu   | D   | Successful Participant  |
| Beijing Institute of Technology       | China  | Guifeng yan  | D   | Successful Participant  |
| Northeastern University               | China  | Dong Zhiming   | D   | Successful Participant  |
|                                       | Hohai University  Shandong University(Weihai)  Beihang University  Shandong University(Weihai)  Northeastern University  Shandong University(Weihai)  Shandong University of International  Ningbo University  Beijing Institute of Technology | Northwestern Polytechnical University  China  Hohai University  China  Shandong University(Weihai)  China  Shandong University(Weihai)  China  Northeastern University  China  Shandong University(Weihai)  China  Shandong University(Weihai)  China  Shandong University(Weihai)  China  Shanghai University of International  China  Ningbo University  China  Beijing Institute of Technology  China | Northwestern Polytechnical University  China  Hohai University  China  Bing Xie  Beihang University(Weihai)  China  Binghui Guo  Shandong University(Weihai)  China  Haitao Qi  Northeastern University  China  Jianyou Xu  Shandong University(Weihai)  China  Jie Yang  Shanghai University of International  China  Liu Hai  Ningbo University  China  Guochun Xu  Beijing Institute of Technology  China  Guifeng yan | Northwestern Polytechnical University  China  Hohai University  China  Fenglian Yang  D  Shandong University(Weihai)  China  Bing Xie  D  Beihang University  China  Binghui Guo  D  Shandong University(Weihai)  China  Haitao Qi  D  Northeastern University  China  Jianyou Xu  D  Shandong University(Weihai)  China  Jie Yang  D  Shandong University of International  China  Liu Hai  D  Ningbo University  China  Guochun Xu  D  Beijing Institute of Technology  China  Guifeng yan  D |

| institution                             | Country/Region   | Advisor  | Problem  | designation  |
|---|--|--|--|--|
| Wuhan University of Science and         | China  | Qiang Zhang  | D  | Successful Participant   |
| Fujian Normal University                | China  | Zheng Yanhong  | D  | Successful Participant   |
| Xi'an International Studies University  | China  | Chengyang Zhang  | D  | Successful Participant   |
| Beijing Normal University               | China  | Zhifeng Liu  | D  | Successful Participant   |
| Nanjing Audit University(Mochou campus) | China  | Junying Su   | D  | Successful Participant   |
| South China Normal University           | China  | Xintao Jiao  | D  | Successful Participant   |
| Jiangsu university ofscience and        | China  | Jingliang Li   | D  | Successful Participant   |
| China Agricultural University           | China  | Yingtian Yin   | D  | Successful Participant   |
| Chongqing University of Posts and       | China  | jiaqi Zhong  | D  | Successful Participant   |
| Nanjing University                      | China  | Teachers Group   | D  | Successful Participant   |
| Minjiang Teachers College               | China  | Jun Li   | D  | Successful Participant   |
|   | Wuhan University of Science and  Fujian Normal University  Xi'an International Studies University  Beijing Normal University  Nanjing Audit University(Mochou campus)  South China Normal University  Jiangsu university ofscience and  China Agricultural University  Chongqing University of Posts and  Nanjing University | Wuhan University of Science and China  Fujian Normal University China  Xi'an International Studies University China  Beijing Normal University China  Nanjing Audit University(Mochou campus) China  South China Normal University China  Jiangsu university ofscience and China  China Agricultural University China  Chongqing University of Posts and China  Nanjing University China | Wuhan University of Science and China Qiang Zhang  Fujian Normal University China Zheng Yanhong  Xi'an International Studies University China Chengyang Zhang  Beijing Normal University China Zhifeng Liu  Nanjing Audit University(Mochou campus) China Junying Su  South China Normal University China Xintao Jiao  Jiangsu university ofscience and China Jingliang Li  China Agricultural University China Yingtian Yin  Chongqing University of Posts and China jiaqi Zhong  Nanjing University China Teachers Group | Wuhan University of Science and China Qiang Zhang D  Fujian Normal University China Zheng Yanhong D  Xi'an International Studies University China Chengyang Zhang D  Beijing Normal University China Zhifeng Liu D  Nanjing Audit University(Mochou campus) China Junying Su D  South China Normal University China Xintao Jiao D  Jiangsu university ofscience and China Jingliang Li D  China Agricultural University China Yingtian Yin D  Chongqing University of Posts and China jiaqi Zhong D  Nanjing University China Teachers Group D |

| Ctrl #  | institution                             | Country/Region | Advisor        | Problem | designation            |
|---------|---|----------------|----------------|---------|------------------------|
| 2414733 | Beijing Jiaotong University             | China          | Bingli Fan     | D       | Successful Participant |
| 2414748 | Beijing Jiaotong University             | China          | Bingli Fan     | D       | Successful Participant |
| 2414754 | Beijing Jiaotong University             | China          | Bingli Fan     | D       | Successful Participant |
| 2414833 | Sichuan Agricultural University         | China          | Yong Wang      | D       | Successful Participant |
| 2414845 | Wuyi University                         | China          | Zhishuang Wang | D       | Successful Participant |
| 2414851 | Beijing Institute of Technology         | China          | Guifeng yan    | D       | Successful Participant |
| 2414860 | China University of Geosciences Beijing | China          | Advisor Group  | D       | Successful Participant |
| 2414864 | Xi'an Jiaotong University               | China          | Yiwei Chen     | D       | Successful Participant |
| 2414874 | Jilin University                        | China          | ZENG Cheng     | D       | Successful Participant |
| 2414961 | Beijing Jiaotong University             | China          | Bingli Fan     | D       | Successful Participant |
| 2414977 | Xi'an Jiaotong University               | China          | Long Chen      | D       | Successful Participant |
| 4       |   | <del></del>    |                |         |                        |

| Ctrl #  | institution                             | Country/Region | Advisor         | Problem | designation            |
|---------|---|----------------|-----------------|---------|------------------------|
| 2414990 | jmxdccc                                 | China          | Zhao Ningning   | D       | Successful Participant |
| 2414991 | China University of GeoSciences Beijing | China          | Advisor Group   | D       | Successful Participant |
| 2415005 | Hohai University                        | China          | Xiuli He        | D       | Successful Participant |
| 2415020 | Hohai University                        | China          | Yongfu Yang     | D       | Successful Participant |
| 2415080 | Huaqiao University                      | China          | Xiangzhong Chen | D       | Successful Participant |
| 2415130 | SHANGHAI NORMAL UNIVERSITY              | CHINA          | WANG CHUNMEI    | D       | Successful Participant |
| 2415141 | Beihang University                      | China          | Binghui Guo     | D       | Successful Participant |
| 2415157 | Qingdao No.58 High School of Shandong   | China          | Haowen Song     | D       | Successful Participant |
| 2415186 | College of Science & Technology Ningbo  | China          | Shumo Zu        | D       | Successful Participant |
| 2415191 | Beijing University of Posts and         | China          | Xuanyue Su      | D       | Successful Participant |
| 2415193 | SUN YAT-SEN UNIVERSITY                  | China          | Shuai Zhao      | D       | Successful Participant |

| Ctrl #  | institution                                 | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2415202 | Xi'an Jiaotong University                   | China          | Lei Chen      | D       | Successful Participant |
| 2415225 | Northeast Forestry University               | China          | Haiyan Gu     | D       | Successful Participant |
| 2415245 | University of International Business and    | China          | Wenrui Ye     | D       | Successful Participant |
| 2415270 | Xi'an University                            | China          | Lin Chen      | D       | Successful Participant |
| 2415380 | Northeast Forestry University               | China          | Haiyan Gu     | D       | Successful Participant |
| 2415412 | Beijing Institute of Technology             | China          | Bing-Zhao Li  | D       | Successful Participant |
| 2415428 | Anhui University                            | China          | Zicheng Wang  | D       | Successful Participant |
| 2415447 | School of Traffic and Transportation,Fujian | China          | Chih-Yu Hsu   | D       | Successful Participant |
| 2415477 | Beijing Technology and Business             | China          | Yang Li       | D       | Successful Participant |
| 2415598 | Hohai University                            | China          | Yongzhong Zhu | D       | Successful Participant |
| 2415600 | Hohai University                            | China          | Yongzhong Zhu | D       | Successful Participant |
| 4       |   |                |               |         |                        |

| 2415660 Beijing University of Posts and China Hongping Wang D Successful Participant  2415745 Sichuan University China Xu Yan D Successful Participant  2415750 Nankai University China Zimu Yu D Successful Participant  2415755 Sichuan University China Han Mengyuan D Successful Participant  2415767 Shandong University of Finance and China Congai Li D Successful Participant  2415768 Communication University of China Bo Li D Successful Participant  2415785 Xi'an Jiaotong University China Ruoqing Duan D Successful Participant  2415790 Shanghai University China Ju Xianmeng D Successful Participant  2415790 Shanghai University China Ju Xianmeng D Successful Participant  2415828 Southwestern University of Finance and China Yuxi Guo D Successful Participant  2415911 Central University of Finance and China Yicheng Liu D Successful Participant  2415914 Northwest A&F University China Guorong Gao D Successful Participant | Ctrl #  | institution                            | Country/Region | Advisor       | Problem | designation            |
|---|---------|--|----------------|---------------|---------|------------------------|
| 2415750 Nankai University  China  Zimu Yu  D Successful Participant  2415755 Sichuan University  China  Han Mengyuan  D Successful Participant  2415767 Shandong University of Finance and  China  Congai Li  D Successful Participant  2415780 Communication University of China  China  Bo Li  D Successful Participant  2415785 Xi'an Jiaotong Universty  China  Ruoqing Duan  D Successful Participant  2415790 Shanghai University  China  Ju Xianmeng  D Successful Participant  2415828 Southwestern University of Finance and  China  Yuxi Guo  D Successful Participant  2415911 Central University of Finance and  China  Yicheng Liu  D Successful Participant   | 2415660 | Beijing University of Posts and        | China          | Hongping Wang | D       | Successful Participant |
| 2415755 Sichuan University  China  Han Mengyuan  D Successful Participant  China  Congai Li  D Successful Participant  China  Bo Li  D Successful Participant  China  Ruoqing Duan  D Successful Participant  China  Ju Xianmeng  D Successful Participant  China  Ju Xianmeng  D Successful Participant  China  China  Ju Xianmeng  D Successful Participant  China  China  Yuxi Guo  D Successful Participant   | 2415745 | Sichuan University                     | China          | Xu Yan        | D       | Successful Participant |
| 2415767 Shandong University of Finance and China Congai Li D Successful Participant  2415780 Communication University of China China Bo Li D Successful Participant  2415785 Xi'an Jiaotong Universty China Ruoqing Duan D Successful Participant  2415790 Shanghai University China Ju Xianmeng D Successful Participant  2415828 Southwestern University of Finance and China Yuxi Guo D Successful Participant  2415911 Central University of Finance and China Yicheng Liu D Successful Participant   | 2415750 | Nankai University                      | China          | Zimu Yu       | D       | Successful Participant |
| 2415780 Communication University of China China Bo Li D Successful Participant  2415785 Xi'an Jiaotong Universty China Ruoqing Duan D Successful Participant  2415790 Shanghai University China Ju Xianmeng D Successful Participant  2415828 Southwestern University of Finance and China Yuxi Guo D Successful Participant  2415911 Central University of Finance and China Yicheng Liu D Successful Participant  | 2415755 | Sichuan University                     | China          | Han Mengyuan  | D       | Successful Participant |
| 2415785 Xi'an Jiaotong Universty  China  Ruoqing Duan  D  Successful Participant  2415790 Shanghai University  China  Ju Xianmeng  D  Successful Participant  2415828 Southwestern University of Finance and  China  Yuxi Guo  D  Successful Participant  2415911 Central University of Finance and  China  Yicheng Liu  D  Successful Participant  | 2415767 | Shandong University of Finance and     | China          | Congai Li     | D       | Successful Participant |
| 2415790 Shanghai University  China  Ju Xianmeng  D  Successful Participant  2415828 Southwestern University of Finance and  China  Yuxi Guo  D  Successful Participant  2415911 Central University of Finance and  China  Yicheng Liu  D  Successful Participant  | 2415780 | Communication University of China      | China          | Bo Li         | D       | Successful Participant |
| 2415828 Southwestern University of Finance and China Yuxi Guo D Successful Participant  2415911 Central University of Finance and China Yicheng Liu D Successful Participant  | 2415785 | Xi'an Jiaotong Universty               | China          | Ruoqing Duan  | D       | Successful Participant |
| 2415911 Central University of Finance and China Yicheng Liu D Successful Participant  | 2415790 | Shanghai University                    | China          | Ju Xianmeng   | D       | Successful Participant |
|   | 2415828 | Southwestern University of Finance and | China          | Yuxi Guo      | D       | Successful Participant |
| 2415914 Northwest A&F University China Guorong Gao D Successful Participant   | 2415911 | Central University of Finance and      | China          | Yicheng Liu   | D       | Successful Participant |
|   | 2415914 | Northwest A&F University               | China          | Guorong Gao   | D       | Successful Participant |

| institution                             | Country/Region   | Advisor  | Problem  | designation  |
|---|--|--|--|--|
| Beijing University of Posts and         | China  | Yulian Cao   | D  | Successful Participant   |
| Xidian Univercity                       | China  | none none  | D  | Successful Participant   |
| China Pharmaceutical University         | China  | Haixi Sun  | D  | Successful Participant   |
| West Anhui University                   | China  | Qin Yue  | D  | Successful Participant   |
| Shenyang University of Technology       | China  | You Lv   | D  | Successful Participant   |
| Capital University of Economics and     | China  | Lili Ma  | D  | Successful Participant   |
| Shenyang University of Technology       | China  | Yan Chen   | D  | Successful Participant   |
| Zhengzhou University of Light Industry  | China  | Weiwei Zhang   | D  | Successful Participant   |
| Northwestern Polytechnical University   | China  | Lulu Pan   | D  | Successful Participant   |
| Hunan University                        | China  | Zhang Cong   | D  | Successful Participant   |
| Anhui Science and Technology University | China  | Нао Сао  | D  | Successful Participant   |
|   | Beijing University of Posts and  Xidian Univercity  China Pharmaceutical University  West Anhui University  Shenyang University of Technology  Capital University of Economics and  Shenyang University of Technology  Zhengzhou University of Light Industry  Northwestern Polytechnical University  Hunan University | Beijing University of Posts and  China  Xidian Univercity  China  China Pharmaceutical University  China  West Anhui University  China  Shenyang University of Technology  China  Capital University of Economics and  China  Shenyang University of Technology  China  Zhengzhou University of Light Industry  China  Northwestern Polytechnical University  China  Hunan University  China | Beijing University of Posts and China Yulian Cao  Xidian Univercity China none none  China Pharmaceutical University China Haixi Sun  West Anhui University China Qin Yue  Shenyang University of Technology China You Lv  Capital University of Economics and China Lili Ma  Shenyang University of Technology China Yan Chen  Zhengzhou University of Light Industry China Weiwei Zhang  Northwestern Polytechnical University China Lulu Pan  Hunan University China Zhang Cong | Beijing University of Posts and China Yulian Cao D  Xidian Univercity China none none D  China Pharmaceutical University China Haixi Sun D  West Anhui University China Qin Yue D  Shenyang University of Technology China You Lv D  Capital University of Economics and China Lili Ma D  Shenyang University of Technology China Yan Chen D  Zhengzhou University of Light Industry China Weiwei Zhang D  Northwestern Polytechnical University China Lulu Pan D  Hunan University China Zhang Cong D |

| Ctrl #  | institution                           | Country/Region | Advisor     | Problem | designation            |
|---------|---------------------------------------|----------------|-------------|---------|------------------------|
| 2416217 | Tsinghua University                   | China          | Liang Heng  | D       | Successful Participant |
| 2416219 | Tsinghua University                   | China          | Liang Heng  | D       | Successful Participant |
| 2416221 | Tsinghua University                   | China          | Liang Heng  | D       | Successful Participant |
| 2416222 | Tsinghua University                   | China          | Liang Heng  | D       | Successful Participant |
| 2416263 | Tsinghua University                   | China          | Liang Heng  | D       | Successful Participant |
| 2416297 | South China Normal University         | China          | Yang Tan    | D       | Successful Participant |
| 2416314 | Jinan University                      | China          | Wenjun WANG | D       | Successful Participant |
| 2416339 | Hohai University                      | China          | Zhen Hu     | D       | Successful Participant |
| 2416342 | Hohai University                      | China          | Zhen Hu     | D       | Successful Participant |
| 2416354 | University of International Relations | China          | Xin Tang    | D       | Successful Participant |
| 2416359 | Hohai University                      | China          | Zhen Hu     | D       | Successful Participant |
| 4       |                                       |                |             |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor                  | Problem | designation            |
|---------|---|----------------|--------------------------|---------|------------------------|
| 2416368 | Nanjing University of Posts and           | China          | Xinli Han                | D       | Successful Participant |
| 2416385 | Shanghai Normal University                | china          | Yuanping Wang            | D       | Successful Participant |
| 2416444 | Xi'an Jiaotong University                 | China          | Long Chen                | D       | Successful Participant |
| 2416481 | Guangxi University                        | China          | Liang Chen               | D       | Successful Participant |
| 2416496 | Beijing University of Techonlogy          | China          | Lei Liu                  | D       | Successful Participant |
| 2416532 | Harbin Institute of Technology, Weihai    | China          | Chen Tianrui             | D       | Successful Participant |
| 2416533 | Shanghai Jiao Tong University             | China          | Xiaofeng Gao             | D       | Successful Participant |
| 2416555 | National University of Defense Technology | China          | Xiaojun Duan             | D       | Successful Participant |
| 2416587 | Shanghai Experimental School              | China          | Jin Yiming & Chen Junjun | D       | Successful Participant |
| 2416600 | Chang'an University                       | China          | Qian Cao                 | D       | Successful Participant |
| 2416607 | Harbin Institute of Technology, Weihai    | China          | Chen Tianrui             | D       | Successful Participant |
| d .     |   |                |                          |         |                        |

| Ctrl #  | institution                             | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2416783 | Harbin Insititute of Technology, Weihai | China          | Yu Jiajia     | D       | Successful Participant |
| 2416792 | Wuhan University                        | China          | Zhuangchu Luo | D       | Successful Participant |
| 2416831 | Chang'an University                     | China          | Qian Cao      | D       | Successful Participant |
| 2416838 | Hunan University of Science and         | China          | Tong Su       | D       | Successful Participant |
| 2416862 | Harbin University of Science and        | China          | Wei Xie       | D       | Successful Participant |
| 2416896 | Xi'an Jiaotong University               | China          | Long Chen     | D       | Successful Participant |
| 2416995 | Harbin Institute of Technology, Weihai  | China          | Chen Tianrui  | D       | Successful Participant |
| 2416998 | South Western University of Finance and | China          | Zixuan Wang   | D       | Successful Participant |
| 2417076 | Chengdu University of Technology        | China          | Lei Zheng     | D       | Successful Participant |
| 2417094 | Tsinghua University                     | China          | Liang Heng    | D       | Successful Participant |
| 2417205 | Northeast Electric Power University     | China          | Yihao Zhang   | D       | Successful Participant |
| 4       |   |                |               |         |                        |

| institution                                | Country/Region   | Advisor   | Problem  | designation   |
|--|--|---|--|---|
| Zhejiang University-University of Illinois | China  | Jiaming Lin   | D  | Successful Participant  |
| South China University of Technology       | China  | Yongkuan Cheng  | D  | Successful Participant  |
| Harbin Insititute of Technology, Weihai    | China  | Jiang Wei   | D  | Successful Participant  |
| Huazhong University of Science and         | China  | Siyuan Tian   | D  | Successful Participant  |
| Beijing Institute of Technology            | China  | Zhang Jie   | D  | Successful Participant  |
| Huazhong University of Science and         | China  | Tingzhu Chen  | D  | Successful Participant  |
| SUN YAT-SEN UNIVERSITY                     | China  | Zhujun Fan  | D  | Successful Participant  |
| Wuhan University                           | China  | Deng Aijiao   | D  | Successful Participant  |
| Duke Kunshan Univeristy                    | China  | Shixin Xu   | D  | Successful Participant  |
| National University of Defense Technology  | China  | Tingjin Luo   | D  | Successful Participant  |
| National University of Defense Technology  | China  | Tingjin Luo   | D  | Successful Participant  |
|  | Zhejiang University-University of Illinois  South China University of Technology  Harbin Insititute of Technology, Weihai  Huazhong University of Science and  Beijing Institute of Technology  Huazhong University of Science and  SUN YAT-SEN UNIVERSITY  Wuhan University  Duke Kunshan University  National University of Defense Technology | Zhejiang University-University of Illinois  South China University of Technology  China  Harbin Insititute of Technology, Weihai  China  Huazhong University of Science and  China  Beijing Institute of Technology  China  Huazhong University of Science and  China  SUN YAT-SEN UNIVERSITY  China  Wuhan University  China  Duke Kunshan University  China  National University of Defense Technology  China | Zhejiang University-University of Illinois  China  Jiaming Lin  South China University of Technology  China  Harbin Insititute of Technology, Weihai  China  Jiang Wei  Huazhong University of Science and  China  Siyuan Tian  Beijing Institute of Technology  China  Zhang Jie  Huazhong University of Science and  China  Tingzhu Chen  SUN YAT-SEN UNIVERSITY  China  Zhujun Fan  Wuhan University  China  Deng Aijiao  Duke Kunshan University of Defense Technology  China  Tingjin Luo | Zhejiang University-University of Illinois China Jiaming Lin D  South China University of Technology China Yongkuan Cheng D  Harbin Insititute of Technology, Weihai China Jiang Wei D  Huazhong University of Science and China Siyuan Tian D  Beijing Institute of Technology China Zhang Jie D  Huazhong University of Science and China Tingzhu Chen D  SUN YAT-SEN UNIVERSITY China Zhujun Fan D  Wuhan University China Deng Aljiao D  Duke Kunshan Univeristy China Shixin Xu D  National University of Defense Technology China Tingjin Luo D |

| institution                       | Country/Region  | Advisor  | Problem  | designation  |
|-----------------------------------|---|--|--|--|
| Chongqing University              | China   | Zhengmin Duan  | D  | Successful Participant   |
| Guangxi University                | China   | Wei Linna  | D  | Successful Participant   |
| 东华 <b>大学</b>                      | China   | 牛磊   | D  | Successful Participant   |
| Wuhan University                  | China   | Xinqi Hu   | D  | Successful Participant   |
| Southeast University              | China   | Feng Wang  | D  | Successful Participant   |
| Southeast University              | China   | Guofei Pang  | D  | Successful Participant   |
| Anhui University                  | China   | KAI ZHANG  | D  | Successful Participant   |
| Liaoning Petrochemical University | China   | Hao Sheng  | D  | Successful Participant   |
| Liaoning Petrochemical University | China   | Xiaoli Wei   | D  | Successful Participant   |
| Chongqing University              | China   | Dong Li  | D  | Successful Participant   |
| Hohai University                  | China   | Qiming Wang  | D  | Successful Participant   |
|                                   | Chongqing University Guangxi University 东华大学 Wuhan University Southeast University Southeast University Anhui University Liaoning Petrochemical University Liaoning Petrochemical University Chongqing University | Chongqing University China  Guangxi University China | Chongqing University China China Wei Linna 东华大学 China 牛嘉 Wuhan University China Southeast University China Feng Wang China Guofei Pang Anhui University China KAI ZHANG Liaoning Petrochemical University China China Xinqi Hu Xinqi Hu Xinqi Hu Xinqi Hu China Guofei Pang China KAI ZHANG Liaoning Petrochemical University China Dong Li Chongqing University | Chongqing University China Zhengmin Duan D Guangxi University China 株器 D Wuhan University China Xinqi Hu D Southeast University China Feng Wang D Anhui University China KAI ZHANG D Liaoning Petrochemical University China Xinqi Hu D China Feng Wang D China KAI ZHANG D China China Hao Sheng D Chongqing University China Dong Li D |

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|---------|---|----------------|---------------|---------|------------------------|
| 2417900 | Hohai University                          | China          | Fanglei Wang  | D       | Successful Participant |
| 2417915 | Xi'an Jiaotong University                 | China          | Jian Zu       | D       | Successful Participant |
| 2417930 | Harbin Insititute of Technology, Weihai   | China          | Jiang Wei     | D       | Successful Participant |
| 2418010 | Beijing Jiaotong University               | China          | Bingli Fan    | D       | Successful Participant |
| 2418023 | Beijing Jiaotong University               | China          | Bingli Fan    | D       | Successful Participant |
| 2418028 | Beijing Jiaotong University               | China          | Bingli Fan    | D       | Successful Participant |
| 2418080 | Beijing Jiaotong University               | China          | Bingli Fan    | D       | Successful Participant |
| 2418111 | Guangzhou Institute of Science and        | China          | Xiaohui Xie   | D       | Successful Participant |
| 2418132 | Guangzhou Institute of Science and        | China          | Yulin Wang    | D       | Successful Participant |
| 2418146 | National University of Defence Technology | China          | Wenqiang yang | D       | Successful Participant |
| 2418154 | Chongqing University                      | China          | Luosheng Wen  | D       | Successful Participant |
| 4       |   |                |               | ·       |                        |

| Ctrl #  | institution                        | Country/Region | Advisor        | Problem | designation            |
|---------|------------------------------------|----------------|----------------|---------|------------------------|
| 2418157 | Anhui University                   | China          | Songsong Cheng | D       | Successful Participant |
| 2418189 | Soochow University                 | China          | KUI WANG       | D       | Successful Participant |
| 2418243 | Huazhong University of Science and | China          | Tiantian Zhu   | D       | Successful Participant |
| 2418246 | Southwest Jiaotong University      | China          | Changgui Xu    | D       | Successful Participant |
| 2418255 | Wuhan University                   | China          | Xiaoping Zhang | D       | Successful Participant |
| 2418304 | Xi'an Jiaotong University          | China          | Wei Ke         | D       | Successful Participant |
| 2418307 | Harbin Medical University          | China          | Wang Yahui     | D       | Successful Participant |
| 2418310 | Nanjing University                 | China          | Zhengye Song   | D       | Successful Participant |
| 2418365 | Liaoning Technical University      | China          | Jing Liu       | D       | Successful Participant |
| 2418419 | Anhui University                   | China          | Rui Wang       | D       | Successful Participant |
| 2418440 | Qinghai University                 | China          | Yanzhong Zhao  | D       | Successful Participant |
| 4       |                                    |                |                |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2418453 | TongJi University                         | China          | Xiongda Chen  | D       | Successful Participant |
| 2418468 | East China Normal University              | China          | Fang Li       | D       | Successful Participant |
| 2418490 | National University of Defense Technology | China          | Nudter        | D       | Successful Participant |
| 2418512 | University of International Business and  | China          | Xiong Wei     | D       | Successful Participant |
| 2418513 | Jinan University                          | China          | Boxuan Han    | D       | Successful Participant |
| 2418542 | Shanghai University of Finance and        | China          | Yizhou Fan    | D       | Successful Participant |
| 2418567 | Huazhong University of Science and        | China          | None          | D       | Successful Participant |
| 2418617 | Tianjin Normal University                 | China          | Xingchao Deng | D       | Successful Participant |
| 2418630 | Beijing Normal University                 | China          | BINGJIE CHE   | D       | Successful Participant |
| 2418667 | National University of Defense Technology | China          | Zelong Wang   | D       | Successful Participant |
| 2418684 | National University of Defense Technology | China          | Zelong Wang   | D       | Successful Participant |
| 4       |   |                |               |         |                        |

| Ctrl #  | institution                              | Country/Region | Advisor      | Problem | designation            |
|---------|--|----------------|--------------|---------|------------------------|
| 2418752 | Zhejiang Ocean University                | China          | Wang Dian    | D       | Successful Participant |
| 2418791 | Shenyang Pharmaceutical University       | China          | Xiwei Jiang  | D       | Successful Participant |
| 2418798 | Harbin Institute of Technology, Shenzhen | China          | Ciwei Kuang  | D       | Successful Participant |
| 2418833 | Anhui University                         | China          | Jiaming Zhu  | D       | Successful Participant |
| 2418837 | Beijing Forestry University              | China          | Xiaoyu Wu    | D       | Successful Participant |
| 2418874 | Xi'An Technological University           | China          | Lili Zhang   | D       | Successful Participant |
| 2418922 | Communication University of China        | China          | Zhang Liyan  | D       | Successful Participant |
| 2418939 | Harbin University of Commerce            | China          | Zhonggui Ren | D       | Successful Participant |
| 2418948 | Guangdong University of Finance          | China          | Xiaoying Wu  | D       | Successful Participant |
| 2418976 | Fuzhou University                        | China          | Zhang chao   | D       | Successful Participant |
| 2419017 | University of Electronic Science and     | China          | Guoliang He  | D       | Successful Participant |
| 4       |  |                |              |         |                        |

| Ctrl #  | institution                               | Country/Region | Advisor     | Problem | designation            |
|---------|---|----------------|-------------|---------|------------------------|
| 2419041 | College of Information and Communication, | China          | Cuicui Gao  | D       | Successful Participant |
| 2419102 | China Agricultural University             | China          | Huihui Pang | D       | Successful Participant |
| 2419107 | Southeast University                      | China          | Liyan Wang  | D       | Successful Participant |
| 2419118 | Southeast University                      | China          | Guofei Pang | D       | Successful Participant |
| 2419135 | Anhui Polytechnic University              | China          | Yang Bu     | D       | Successful Participant |
| 2419144 | Fudan University                          | China          | 周子为         | D       | Successful Participant |
| 2419158 | Geely University of China                 | China          | Xiaoping Li | D       | Successful Participant |
| 2419165 | China Agricultural University             | China          | Guohui Li   | D       | Successful Participant |
| 2419190 | Wuhan University                          | China          | Hu Jie      | D       | Successful Participant |
| 2419200 | Beihang University                        | China          | Jindong Yu  | D       | Successful Participant |
| 2419210 | Chongqing University                      | China          | Chaolin Liu | D       | Successful Participant |
| 4       |   |                |             |         |                        |

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|---------|---|----------------|------------------|---------|------------------------|
| 2419243 | XIDIAN UNIVERSITY                       | China          | Jun Li           | D       | Successful Participant |
| 2419259 | Qilu University of Technology           | China          | Chuan Chen       | D       | Successful Participant |
| 2419306 | Beihang University                      | China          | Binghui Guo      | D       | Successful Participant |
| 2419369 | Chongqing University                    | China          | Zhengmin Duan    | D       | Successful Participant |
| 2419406 | Guangdong Polytechnic Normal University | China          | GuangLiang Zhang | D       | Successful Participant |
| 2419409 | Henan University                        | China          | Xiaoyi Yang      | D       | Successful Participant |
| 2419415 | Qilu University of Technology           | China          | Wen Jia          | D       | Successful Participant |
| 2419455 | Ocean University of China               | China          | Ming Xu          | D       | Successful Participant |
| 2419477 | University Of Science And Technology    | China          | Guiyan Ding      | D       | Successful Participant |
| 2419499 | Southwest Jiaotong University; SWJTU    | China          | Yangyanxin       | D       | Successful Participant |
| 2419510 | Shandong University                     | China          | Zhang Chen       | D       | Successful Participant |
| 4       |   |                |                  |         |                        |

| Ctrl #  | institution                           | Country/Region | Advisor        | Problem | designation            |
|---------|---------------------------------------|----------------|----------------|---------|------------------------|
| 2419518 | Northwestern Polytechnical University | China          | Qianyu Li      | D       | Successful Participant |
| 2419530 | China Agricultural University         | China          | Yuanchang Shi  | D       | Successful Participant |
| 2419579 | Beihang University                    | China          | Binghui Guo    | D       | Successful Participant |
| 2419589 | Wuhan University                      | China          | Li Ding        | D       | Successful Participant |
| 2419644 | China University of Geosciences,Wuhan | China          | Yong Shi       | D       | Successful Participant |
| 2419681 | China Agricultural University         | China          | Huihui Pang    | D       | Successful Participant |
| 2419694 | Wuhan University                      | China          | Yi Xuming      | D       | Successful Participant |
| 2419712 | XIDIAN UNIVERSITY                     | China          | Miao Yu        | D       | Successful Participant |
| 2419716 | Ocean University of China             | China          | Piwei Chen     | D       | Successful Participant |
| 2419724 | Chongqing University                  | China          | Tengzhong Rong | D       | Successful Participant |
| 2419740 | Beijing Technology and Business       | China          | Dengfeng Liang | D       | Successful Participant |
| 2419724 | Chongqing University                  | China          | Tengzhong Rong | D       | Successful Participant |

| 2419746 Chongqing University  China  Yalian Li  D Successful Participant  Zixuan Zhang  Zixuan Zhang  D Successful Participant  Zixuan Zhang  Zixuan Zhang  D Successful Participant  Zixuan Zhang  Zixuan | Ctrl #  | institution                            | Country/Region | Advisor               | Problem | designation            |
|--|---------|--|----------------|-----------------------|---------|------------------------|
| 2419781 Northeastern University at Qinhuangdao China Haijuan HU D Successful Participant  2419788 Harbin University of Science and China Wei Xie D Successful Participant  2419834 Nanjing Institute of Technology China Baojian Hong D Successful Participant  2419884 Shenyang Ligong University China Ke Xu D Successful Participant  2419928 Kunming University of Science and China Xianguang Jia D Successful Participant  2419930 Beijing Institute of Technology China Bin Pang D Successful Participant  2419966 North China Electric Power University China 50902433@ncepu.edu.cn D Successful Participant  2419992 South China University of Technology China Le Han D Successful Participant   | 2419746 | Chongqing University                   | China          | Yalian Li             | D       | Successful Participant |
| 2419788 Harbin University of Science and China Wei Xie D Successful Participant  2419834 Nanjing Institute of Technology China Baojian Hong D Successful Participant  2419884 Shenyang Ligong University China Ke Xu D Successful Participant  2419928 Kunming University of Science and China Xianguang Jia D Successful Participant  2419930 Beijing Institute of Technology China Bin Pang D Successful Participant  2419966 North China Electric Power University China 50902433@ncepu.edu.cn D Successful Participant  2419992 South China University of Technology China Le Han D Successful Participant   | 2419770 | Northeastern University at Qinhuangdao | China          | Zixuan Zhang          | D       | Successful Participant |
| 2419834 Nanjing Institute of Technology China Baojian Hong D Successful Participant  2419884 Shenyang Ligong University China Ke Xu D Successful Participant  2419928 Kunming University of Science and China Xianguang Jia D Successful Participant  2419930 Beijing Institute of Technology China Bin Pang D Successful Participant  2419966 North China Electric Power University China 50902433@ncepu.edu.cn D Successful Participant  2419992 South China University of Technology China Le Han D Successful Participant  | 2419781 | Northeastern University at Qinhuangdao | China          | Haijuan HU            | D       | Successful Participant |
| 2419884 Shenyang Ligong University  China  Ke Xu  D  Successful Participant  Le Han  D  Successful Participant  China  Ke Xu  D  Successful Participant  D  Successful Participant  Le Han  D  Successful Participant  D  Successful Participant  Le Han  D  Successful Participant  D  Successful Participant  Le Han  D  Successful Participant  | 2419788 | Harbin University of Science and       | China          | Wei Xie               | D       | Successful Participant |
| 2419928 Kunming University of Science and China Xianguang Jia D Successful Participant  2419930 Beijing Institute of Technology China Bin Pang D Successful Participant  2419966 North China Electric Power University China 50902433@ncepu.edu.cn D Successful Participant  2419992 South China University of Technology China Le Han D Successful Participant  | 2419834 | Nanjing Institute of Technology        | China          | Baojian Hong          | D       | Successful Participant |
| 2419930 Beijing Institute of Technology China Bin Pang D Successful Participant  2419966 North China Electric Power University China 50902433@ncepu.edu.cn D Successful Participant  2419992 South China University of Technology China Le Han D Successful Participant  | 2419884 | Shenyang Ligong University             | China          | Ke Xu                 | D       | Successful Participant |
| 2419966 North China Electric Power University  China 50902433@ncepu.edu.cn  D Successful Participant  2419992 South China University of Technology  China Le Han  D Successful Participant   | 2419928 | Kunming University of Science and      | China          | Xianguang Jia         | D       | Successful Participant |
| 2419992 South China University of Technology China Le Han D Successful Participant   | 2419930 | Beijing Institute of Technology        | China          | Bin Pang              | D       | Successful Participant |
|  | 2419966 | North China Electric Power University  | China          | 50902433@ncepu.edu.cn | D       | Successful Participant |
| 2419994 Renmin University of China China Yixin Yu D Successful Participant   | 2419992 | South China University of Technology   | China          | Le Han                | D       | Successful Participant |
|  | 2419994 | Renmin University of China             | China          | Yixin Yu              | D       | Successful Participant |

| Ctrl #  | institution                          | Country/Region | Advisor       | Problem | designation            |
|---------|--------------------------------------|----------------|---------------|---------|------------------------|
| 2420042 | Beijing Technology and Business      | China          | Yang Li       | D       | Successful Participant |
| 2420048 | Shenyang Aerospace University        | China          | Wen Lishu     | D       | Successful Participant |
| 2420071 | Tsinghua University                  | China          | Tian yu Huang | D       | Successful Participant |
| 2420073 | Huaqiao University                   | China          | Jinsen Zhuang | D       | Successful Participant |
| 2420074 | Anhui University                     | China          | DONGHUI PAN   | D       | Successful Participant |
| 2420175 | Fujian University of Technology      | China          | Xuelin Xu     | D       | Successful Participant |
| 2420205 | Xidian University                    | China          | QingSong Zou  | D       | Successful Participant |
| 2420254 | Ocean University of China            | China          | Du Boyue      | D       | Successful Participant |
| 2420303 | Nanjing Normal University of Special | China          | Xiangyu Wang  | D       | Successful Participant |
| 2420305 | South China Normal University        | China          | Caixiu Liao   | D       | Successful Participant |
| 2420325 | Huazhong Agricultural University     | China          | Yan liu       | D       | Successful Participant |
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| 2420570 | University of International Business and | China          | Qinzhang Wang | D             | Successful Participant |
| 2420584 | China Agricultural University            | China          | Jianping Yang | D             | Successful Participant |
| 2420585 | XIDIAN UNIVERSITY                        | China          | Chen Hua      | D             | Successful Participant |
| 2420595 | XIDIAN UNIVERSITY                        | China          | Ning Wantao   | D             | Successful Participant |
| 2420601 | Beijing Technology and Business          | China          | Rui Dai       | D             | Successful Participant |
| 2420603 | Communication University of China        | China          | Shan Liu      | D             | Successful Participant |
| 2420613 | Tsinghua University                      | China          | Liang Heng    | D             | Successful Participant |
| 2420625 | China Agricultural University            | China          | Hui Zou       | D             | Successful Participant |
| 2420651 | China Agricultural University            | China          | Xuhua Liu     | D             | Successful Participant |
| 2420675 | Beijing University of Techonlogy         | China          | Jialei Chen   | D             | Successful Participant |
| 2420682 | XIDIAN UNIVERSITY                        | China          | Li Fang       | D             | Successful Participant |
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| 2420695 | Northeastern University at Qinhuangdao | China          | Nan Xiao                   | D       | Successful Participant |
| 2420713 | Xuzhou university of technology        | china          | Zou Weike                  | D       | Successful Participant |
| 2420729 | Guangdong University of Finance        | China          | Xuegang Zhou               | D       | Successful Participant |
| 2420742 | Guangdong University of Finance        | China          | Yuanlong Chen, Xiaoying Wu | ı D     | Successful Participant |
| 2420747 | Guangdong University of Finance        | China          | Yiwu Lin                   | D       | Successful Participant |
| 2420749 | 南京特殊教育师范学院                             | China          | 赵丽君                        | D       | Successful Participant |
| 2420762 | Jilin University                       | China          | CAI Jing                   | D       | Successful Participant |
| 2420780 | Jilin University                       | China          | CHENG Jianhua              | D       | Successful Participant |
| 2420806 | Jilin University                       | China          | DING Xue                   | D       | Successful Participant |
| 2420891 | Jilin University                       | China          | HE Bing                    | D       | Successful Participant |
| 2420921 | Jilin University                       | China          | LAI Min                    | D       | Successful Participant |
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| Ctrl #  | institution      | Country/Region | Advisor       | Problem | designation            |
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| 2420940 | Jilin University | China          | LI He         | D       | Successful Participant |
| 2420947 | Jilin University | China          | LI Jiamin     | D       | Successful Participant |
| 2420984 | Jilin University | China          | LI Zhengguang | D       | Successful Participant |
| 2420986 | Jilin University | China          | LI Zhengguang | D       | Successful Participant |
| 2421015 | Jilin University | China          | LIU Tianqing  | D       | Successful Participant |
| 2421028 | Jilin University | China          | LIU Ying      | D       | Successful Participant |
| 2421033 | Jilin University | China          | LIU Changchun | D       | Successful Participant |
| 2421050 | Jilin University | China          | MA Guoqing    | D       | Successful Participant |
| 2421087 | Jilin University | China          | REN Changyu   | D       | Successful Participant |
| 2421117 | Jilin University | China          | SONG Lina     | D       | Successful Participant |
| 2421174 | Jilin University | China          | WEI Yuanhong  | D       | Successful Participant |
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| 2421188 | Jilin University                          | China              | XU Xiaowei     | D       | Successful Participant |
| 2421190 | Jilin University                          | China              | XU Xiaowei     | D       | Successful Participant |
| 2421307 | University of Liverpool                   | The United Kingdom | Tianxing Ji    | D       | Successful Participant |
| 2421309 | Chang'an University                       | China              | Xiaohan Cheng  | D       | Successful Participant |
| 2421310 | Chang'an University                       | China              | Anguo Dong     | D       | Successful Participant |
| 2421373 | University of International Business and  | China              | None           | D       | Successful Participant |
| 2421425 | Heilongjiang University of Science and    | China              | Xinpeng Song   | D       | Successful Participant |
| 2421449 | Jilin University                          | China              | TAO Zhanjing   | D       | Successful Participant |
| 2421452 | Jilin University                          | China              | TAO Zhanjing   | D       | Successful Participant |
| 2421457 | Jilin University                          | China              | WANG Shuang    | D       | Successful Participant |
| 2421478 | Civil Aviation Flight University of China | China              | Huanchang Xiao | D       | Successful Participant |

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| 2421484 | Xidian University                         | China          | Hailin Feng   | D       | Successful Participant |
| 2421562 | Southwest University                      | China          | Xianfeng Han  | D       | Successful Participant |
| 2421574 | Hangzhou City University                  | China          | Jiantao Yuan  | D       | Successful Participant |
| 2421612 | Hebei University                          | China          | Qiang Hua     | D       | Successful Participant |
| 2421614 | Tongji University                         | China          | Peisheng Cong | D       | Successful Participant |
| 2421618 | Huazhong University of Science and        | China          | LiTianwei     | D       | Successful Participant |
| 2421639 | XIDIAN UNIVERSITY                         | China          | Mingmin Zhu   | D       | Successful Participant |
| 2421643 | Wuhan University of Science and           | China          | Qiuhua Tang   | D       | Successful Participant |
| 2421686 | XIDIAN UNIVERSITY                         | China          | Huanhuan Li   | D       | Successful Participant |
| 2421698 | Anhui University of Finance and Economics | China          | Li Li         | D       | Successful Participant |
| 2421762 | Anhui University of Finance and Economics | China          | Dezhi Liu     | D       | Successful Participant |

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| 2421784 | XIDIAN UNIVERSITY                    | China          | Hongyun Meng   | D       | Successful Participant |
| 2421792 | Xuzhou university of technology      | China          | Wang Fuzhang   | D       | Successful Participant |
| 2421809 | Xuzhou university of technology      | China          | Cao Wenping    | D       | Successful Participant |
| 2421849 | University of Science and Technology | China          | LiuHao         | D       | Successful Participant |
| 2421878 | Xi'an Jiaotong-Liverpool University  | China          | Feiyan Chen    | D       | Successful Participant |
| 2421880 | Xi'an Jiaotong-Liverpool University  | China          | Feiyan Chen    | D       | Successful Participant |
| 2421887 | Southwest University                 | China          | Ying Lv        | D       | Successful Participant |
| 2421890 | Beijing University of Technology     | China          | Shaofan Wang   | D       | Successful Participant |
| 2421896 | Southwest University                 | China          | Yuanping Zhang | D       | Successful Participant |
| 2421945 | Chongqing University of Science &    | China          | Xuequan Tian   | D       | Successful Participant |
| 2421987 | FuZhou University                    | China          | JinSong Chen   | D       | Successful Participant |
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| 2422011 | Northwest Normal University | China          | Junsheng Qiao  | D       | Successful Participant |
| 2422036 | Anhui Medical University    | China          | Changqing Wang | D       | Successful Participant |
| 2422044 | SUN YAT-SEN UNIVERSITY      | China          | Qiru Wang      | D       | Successful Participant |
| 2422073 | Nantong University          | China          | Meiqin Che     | D       | Successful Participant |
| 2422075 | Nanjing Forestry University | China          | Gen Li         | D       | Successful Participant |
| 2422108 | Southwest University        | China          | Yang Yang      | D       | Successful Participant |
| 2422114 | Fuzhou University           | China          | Feibao Liang   | D       | Successful Participant |
| 2422124 | Wuhan City College          | China          | Qian Ma        | D       | Successful Participant |
| 2422211 | Sichuan University          | China          | Jen Yang       | D       | Successful Participant |
| 2422266 | Fuzhou University           | China          | Feibao Liang   | D       | Successful Participant |
| 2422296 | Ocean University of China   | China          | XiaoHui Hu     | D       | Successful Participant |
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| institution                           | Country/Region   | Advisor   | Problem   | designation   |
|---------------------------------------|--|---|---|---|
| Shenzhen University                   | China  | Chengfa Wu  | D   | Successful Participant  |
| Beihang University                    | China  | Binghui Guo   | D   | Successful Participant  |
| Shenzhen University                   | China  | Songchen Li   | D   | Successful Participant  |
| Zhejiang University                   | China  | Zhiyi TAN   | D   | Successful Participant  |
| Fuzhou University                     | China  | Yong Zhou   | D   | Successful Participant  |
| North China Electric Power University | China  | 50902433@ncepu.edu.cn   | D   | Successful Participant  |
| Southwest University                  | China  | Ying Lv   | D   | Successful Participant  |
| Qufu Normal University                | China  | Xueqin Zhao   | D   | Successful Participant  |
| Nanchang Institute of Technology      | China  | Zhiqiang Zeng   | D   | Successful Participant  |
| Zhejiang Gongshang University         | China  | Shaowei Shen  | D   | Successful Participant  |
| Central University of Finance and     | China  | Lei Liu   | D   | Successful Participant  |
|                                       | Shenzhen University  Beihang University  Shenzhen University  Zhejiang University  Fuzhou University  North China Electric Power University  Southwest University  Qufu Normal University  Nanchang Institute of Technology  Zhejiang Gongshang University | Shenzhen University China  Beihang University China  Zhejiang University China  Fuzhou University China  North China Electric Power University China  Southwest University China  Qufu Normal University China  Nanchang Institute of Technology China  Zhejiang Gongshang University China | Shenzhen University China Beihang University China Songchen Li  Zhejiang University China Zhiyi TAN  Fuzhou University China Yong Zhou  North China Electric Power University China Southwest University China Ying Lv  Qufu Normal University China Xueqin Zhao  Nanchang Institute of Technology China Shaowei Shen | Shenzhen University China Chengfa Wu D Beihang University China Songchen Li D Zhejiang University China Zhiyi TAN D Fuzhou University China Yong Zhou D North China Electric Power University China Southwest University China Ying Lv D Qufu Normal University China Xueqin Zhao D Nanchang Institute of Technology China Zhejiang Gongshang University China Shaowei Shen D |

| 2422669 Chongqing University China Bin Xu D Successful Participant  2422711 Chang'an University China Jie Huang D Successful Participant  2422735 Chang'an University China Zhongmei Qin D Successful Participant  2422752 Asbury University USA Benjamin McLaughlin D Successful Participant  2422765 Hohal University China Hua Chen D Successful Participant  2422822 Belhang University China Yin Ziqiao D Successful Participant  2422824 University of Science and Technology China ShuYan Qi D Successful Participant  2422939 Dallan Jiaotong University China Almin Song D Successful Participant  2422940 Hebel University of Technology China Yun Bal D Successful Participant  2422940 University of Science and Technology China Yun Bal D Successful Participant | Ctrl #  | institution                          | Country/Region | Advisor             | Problem | designation            |
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| 2422752 Asbury University  USA  Benjamin McLaughlin  D Successful Participant  2422765 Hohai University  China  Hua Chen  D Successful Participant  2422822 Beihang University  China  Yin Ziqiao  D Successful Participant  2422820 Lanzhou University  China  Yizhe Yang  D Successful Participant  2422924 University of Science and Technology  China  ShuYan Qi  D Successful Participant  2422939 Dalian jiaotong University  China  Aimin Song  D Successful Participant  2422940 Hebei University of Technology  China  Yun Bai  D Successful Participant  | 2422669 | Chongqing University                 | China          | Bin Xu              | D       | Successful Participant |
| 2422752 Asbury University  USA  Benjamin McLaughlin  D  Successful Participant  2422765 Hohai University  China  Hua Chen  D  Successful Participant  China  Yin Ziqiao  D  Successful Participant  China  Yizhe Yang  D  Successful Participant  2422820 Lanzhou University  China  Yizhe Yang  D  Successful Participant  2422924 University of Science and Technology  China  ShuYan Qi  D  Successful Participant  2422939 Dalian jiaotong University  China  Aimin Song  D  Successful Participant  2422940 Hebei University of Technology  China  Yun Bai  D  Successful Participant   | 2422711 | Chang'an University                  | China          | Jie Huang           | D       | Successful Participant |
| 2422765 Hohai University  China  Hua Chen  D Successful Participant  China  Yin Ziqiao  D Successful Participant  China  Yizhe Yang  D Successful Participant  China  Yizhe Yang  D Successful Participant  China  ShuYan Qi  D Successful Participant  China  China  ShuYan Qi  D Successful Participant  China  China  Aimin Song  D Successful Participant  China  China  Yun Bai  D Successful Participant   | 2422735 | Chang'an University                  | China          | Zhongmei Qin        | D       | Successful Participant |
| 2422822 Beihang University  China  Yin Ziqiao  D Successful Participant  2422850 Lanzhou University  China  Yizhe Yang  D Successful Participant  2422924 University of Science and Technology  China  ShuYan Qi  D Successful Participant  2422939 Dalian jiaotong University  China  Aimin Song  D Successful Participant  2422940 Hebei University of Technology  China  Yun Bai  D Successful Participant  | 2422752 | Asbury University                    | USA            | Benjamin McLaughlin | D       | Successful Participant |
| 2422850 Lanzhou University  China  Yizhe Yang  D Successful Participant  2422924 University of Science and Technology  China  ShuYan Qi  D Successful Participant  2422939 Dalian jiaotong University  China  Aimin Song  D Successful Participant  2422940 Hebei University of Technology  China  Yun Bai  D Successful Participant   | 2422765 | Hohai University                     | China          | Hua Chen            | D       | Successful Participant |
| 2422924 University of Science and Technology China ShuYan Qi D Successful Participant  2422939 Dalian jiaotong University China Aimin Song D Successful Participant  2422940 Hebei University of Technology China Yun Bai D Successful Participant   | 2422822 | Beihang University                   | China          | Yin Ziqiao          | D       | Successful Participant |
| 2422939 Dalian jiaotong University  China  Aimin Song  D  Successful Participant  2422940 Hebei University of Technology  China  Yun Bai  D  Successful Participant  | 2422850 | Lanzhou University                   | China          | Yizhe Yang          | D       | Successful Participant |
| 2422940 Hebei University of Technology China Yun Bai D Successful Participant  | 2422924 | University of Science and Technology | China          | ShuYan Qi           | D       | Successful Participant |
|  | 2422939 | Dalian jiaotong University           | China          | Aimin Song          | D       | Successful Participant |
| 2422953 University of Science and Technology China Hao Liu D Successful Participant  | 2422940 | Hebei University of Technology       | China          | Yun Bai             | D       | Successful Participant |
|  | 2422953 | University of Science and Technology | China          | Hao Liu             | D       | Successful Participant |

| institution                            | Country/Region   | Advisor  | Problem   | designation   |
|--|--|--|---|---|
| Southwest University                   | China  | Ying Lv  | D   | Successful Participant  |
| XIDIAN UNIVERSITY                      | China  | Qingjuan Duan  | D   | Successful Participant  |
| Xi'an Jiaotong-Liverpool University    | China  | Shuo Chen  | D   | Successful Participant  |
| Hebei University Of Technology         | China  | Jia Zhao   | D   | Successful Participant  |
| Fuzhou University                      | China  | Yong Zhou  | D   | Successful Participant  |
| Southwest University                   | China  | Wenjing Xie  | D   | Successful Participant  |
| Beijing University of Technology       | China  | Han Min  | D   | Successful Participant  |
| SUN YAT-SEN UNIVERSITY                 | China  | Xiaolong Jiang   | D   | Successful Participant  |
| Sun Yat-sen University                 | China  | Yanhui Guan  | D   | Successful Participant  |
| Zhongnan University of Economy and Law | China  | Haoyu Wang   | D   | Successful Participant  |
| Chengdu University of Technology       | China  | Joseph NKOU NKOU   | D   | Successful Participant  |
|  | Southwest University  XIDIAN UNIVERSITY  Xi'an Jiaotong-Liverpool University  Hebei University Of Technology  Fuzhou University  Southwest University  Beijing University of Technology  SUN YAT-SEN UNIVERSITY  Sun Yat-sen University of Economy and Law | Southwest University  China  XIDIAN UNIVERSITY  China  Xi'an Jiaotong-Liverpool University  China  Hebei University Of Technology  China  Fuzhou University  China  Southwest University  China  Beijing University of Technology  China  SUN YAT-SEN UNIVERSITY  China  Zhongnan University of Economy and Law  China | Southwest University  China  Ying Lv  XIDIAN UNIVERSITY  China  Shuo Chen  Xi'an Jiaotong-Liverpool University  China  Hebei University Of Technology  China  Yong Zhou  Southwest University  China  Wenjing Xie  Beijing University of Technology  China  Han Min  SUN YAT-SEN UNIVERSITY  China  Xiaolong Jiang  Sun Yat-sen University  China  Yanhui Guan  Zhongnan University of Economy and Law  China  Haoyu Wang | Southwest University  China  Ying Lv  D  XIDIAN UNIVERSITY  China  Qingjuan Duan  D  Xi'an Jiaotong-Liverpool University  China  Shuo Chen  D  Hebei University Of Technology  China  Jia Zhao  D  Fuzhou University  China  Yong Zhou  D  Southwest University  China  Wenjing Xie  D  Beijing University of Technology  China  Han Min  D  SUN YAT-SEN UNIVERSITY  China  Xiaolong Jiang  D  Zhongnan University of Economy and Law  China  Haoyu Wang  D |

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|---------|---|----------------|---------------|---------|------------------------|
| 2423364 | Tongji University                         | China          | ChunYan Duan  | D       | Successful Participant |
| 2423472 | China Agricultural University             | China          | Yike Wang     | D       | Successful Participant |
| 2423494 | Lanzhou University of Technology          | China          | Zhicai Ma     | D       | Successful Participant |
| 2423597 | Southwest University                      | China          | Ying Lv       | D       | Successful Participant |
| 2423598 | Guangdong University of Foreign Studies   | China          | Bo CHENG      | D       | Successful Participant |
| 2423602 | Tongji University                         | China          | Han Jianzhi   | D       | Successful Participant |
| 2423614 | SUN YAT-SEN UNIVERSITY                    | China          | Zishan Cheng  | D       | Successful Participant |
| 2423623 | China Three Gorges University             | China          | Jilei Hu      | D       | Successful Participant |
| 2423642 | The Chinese University of Hong Kong, Shen | China          | Liyan Xie     | D       | Successful Participant |
| 2423643 | Shihezi University                        | China          | Yanhong Zhang | D       | Successful Participant |
| 2423679 | Beihang University                        | China          | Binghui Guo   | D       | Successful Participant |
| 2423679 | Beihang University                        | China          | Binghui Guo   | D       | Successful Participant |

| institution                              | Country/Region   | Advisor  | Problem   | designation   |
|--|--|--|---|---|
| Beihang University                       | China  | Fan Xuecheng   | D   | Successful Participant  |
| Shenzhen University                      | China  | Wei Xiao   | D   | Successful Participant  |
| Putian University                        | China  | Wupeng Fang  | D   | Successful Participant  |
| China University of Petroleum-Beijing at | China  | Zejun Wang   | D   | Successful Participant  |
| Xidian University                        | China  | Li Hong  | D   | Successful Participant  |
| Beijing University of Posts and          | China  | Chengsi Wang   | D   | Successful Participant  |
| University of Illinois Urbana-Champaign  | USA  | Mengxuan Qiu   | D   | Successful Participant  |
| East China University of Science and     | China  | Wu Tianzhuofu  | D   | Successful Participant  |
| Central South University                 | China  | CHEN Ming  | D   | Successful Participant  |
| Chongqing University of Science and      | china  | HaiYang Liu  | D   | Successful Participant  |
| Central South University                 | China  | GUO Yaoqi  | D   | Successful Participant  |
|  | Beihang University  Shenzhen University  Putian University  China University of Petroleum-Beijing at  Xidian University  Beijing University of Posts and  University of Illinois Urbana-Champaign  East China University of Science and  Central South University  Chongqing University of Science and | Beihang University China  Shenzhen University China  Putian University China  China University of Petroleum-Beijing at China  Xidian University China  Beijing University of Posts and China  University of Illinois Urbana-Champaign USA  East China University of Science and China  Central South University China  Chongqing University of Science and China | Beihang University China Fan Xuecheng  China Wei Xiao  Putian University China University China China University China University China Li Hong  Eaijing University of Posts and China Chengsi Wang  University of Illinois Urbana-Champaign USA Mengxuan Qiu  East China University of Science and China Chengsi Wang  China China Chengsi Wang  China China China Chengsi Wang  China China China China Chen Ming  Chongqing University of Science and China China Chen Ming  Chongqing University of Science and China China Chen Ming | Beihang University China Fan Xuecheng D Shenzhen University China Wei Xiao D Putian University China Wupeng Fang D China University of Petroleum-Beijing at China China Li Hong D Beijing University of Posts and China Chengsi Wang D University of Illinois Urbana-Champaign USA Mengxuan Qiu D Central South University China CHEN Ming D Chongqing University of Science and China Chengsi Wang D |

| Beijing Technology and Business | China   | Lina Wang  | D   | Successful Participant   |
|---------------------------------|---|--|---|--|
| Hangzhou Dianzi University      | China   | Sen Qin  | D   | Successful Participant   |
| Qufu Normal University          | China   | Juan Wang  | D   | Successful Participant   |
| Central South University        | China   | HE Fuli  | D   | Successful Participant   |
| Central South University        | China   | HE Fuli  | D   | Successful Participant   |
| Central South University        | China   | LIU Xinge  | D   | Successful Participant   |
| Hangzhou Dianzi University      | China   | Zhen Wang  | D   | Successful Participant   |
| Central South University        | China   | XU Yufeng  | D   | Successful Participant   |
| Central South University        | China   | YANG ShuPing   | D   | Successful Participant   |
| Central South University        | China   | YANG ShuPing   | D   | Successful Participant   |
| Hangzhou Dianzi University      | China   | Jianzhen Liu   | D   | Successful Participant   |
| н — с — с — с — с — с           | Alangzhou Dianzi University  Central South University | Alangzhou Dianzi University China Central South University China | Plangzhou Dianzi University China Sen Qin Curfu Normal University China HE Fuli Central South University China HE Fuli Central South University China LIU Xinge Central South University China Zhen Wang Central South University China XU Yufeng Central South University China YANG ShuPing Central South University China YANG ShuPing | langzhou Dianzi University  China  Sen Qin  D  Qufu Normal University  China  HE Fuli  D  Central South University  China  HE Fuli  D  Central South University  China  LIU Xinge  D  Central South University  China  Zhen Wang  D  Central South University  China  XU Yufeng  D  Central South University  China  YANG ShuPing  D  Central South University  China  YANG ShuPing  D |

| Ctrl #  | institution                                | Country/Region | Advisor      | Problem | designation            |
|---------|--|----------------|--------------|---------|------------------------|
| 2424211 | Hangzhou Dianzi University                 | China          | Gaiyun Gong  | D       | Successful Participant |
| 2424249 | Changsha University of Science &           | China          | Yanxiang Tan | D       | Successful Participant |
| 2424253 | Wuhan University of Science and            | China          | Qiang Zhang  | D       | Successful Participant |
| 2424276 | Shanghai Vocational College of Science and | China          | Hua Xu       | D       | Successful Participant |
| 2424283 | Shanghai Vocational College of Science and | China          | Sihai Zhang  | D       | Successful Participant |
| 2424297 | Beijing Technology and Business            | China          | Qin Li       | D       | Successful Participant |
| 2424302 | Xi'an Jiaotong University                  | China          | Lei Chen     | D       | Successful Participant |
| 2424303 | Xi'an Jiaotong University                  | China          | Lei Chen     | D       | Successful Participant |
| 2424306 | Xi'an Jiaotong University                  | China          | Lei Chen     | D       | Successful Participant |
| 2424307 | Xi'an Jiaotong University                  | China          | Lei Chen     | D       | Successful Participant |
| 2424308 | Xi'an Jiaotong University                  | China          | Lei Chen     | D       | Successful Participant |

| institution                          | Country/Region   | Advisor  | Problem   | designation  |
|--------------------------------------|--|--|---|--|
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| Xi'an Jiaotong University            | China  | Lei Chen   | D   | Successful Participant   |
| China Ji Liang University College Of | China  | Shuhui Wei   | D   | Successful Participant   |
| Nanjing normal university            | China  | Josh   | D   | Successful Participant   |
| XIDIAN UNIVERSITY                    | China  | Li Lei   | D   | Successful Participant   |
| Shang Hai Jiao Tong University       | China  | Chang Shi  | D   | Successful Participant   |
| Liaoning Technical University        | China  | XiaoHui Xu   | D   | Successful Participant   |
|                                      | Xi'an Jiaotong University  China Ji Liang University College Of  Nanjing normal university  XIDIAN UNIVERSITY  Shang Hai Jiao Tong University | Xi'an Jiaotong University  China  China  China  China Ji Liang University College Of  China  Nanjing normal university  China  XIDIAN UNIVERSITY  China  Shang Hai Jiao Tong University  China | Xi'an Jiaotong University China Lei Chen  China Ji Liang University College Of China Shuhui Wei  Nanjing normal university China Li Lei  Shang Hai Jiao Tong University China Chang Shi | Xi'an Jiaotong University  China  Lei Chen  D  China Ji Liang University College Of  China  Shuhui Wei  D  XIDIAN UNIVERSITY  China  Li Lei  D  Shang Hai Jiao Tong University  China  Chang Shi  D |

| institution                               | Country/Region  | Advisor   | Problem   | designation  |
|---|---|---|---|--|
| Zhengzhou University of Light Industry    | China   | Weiwei Zhang  | D   | Successful Participant   |
| YANGTZE NORMAL UNIVERSITY                 | China   | Yunlong Wu  | D   | Successful Participant   |
| China People's Police University          | China   | Cunwei Zhang  | D   | Successful Participant   |
| National University of Defense Technology | China   | Ziyang Mao  | D   | Successful Participant   |
| ZHEJIANG UNIVERSITY                       | China   | Yu Jinnuo   | D   | Successful Participant   |
| Nanchang University                       | China   | He Jiang  | D   | Successful Participant   |
| Xi'an Jiaotong University                 | China   | Lei Chen  | D   | Successful Participant   |
| National University of Defense Technology | China   | Ziyang Mao  | D   | Successful Participant   |
| Tianjin University                        | China   | Hui Zhao  | D   | Successful Participant   |
| National University of Defense Technology | China   | Ziyang Mao  | D   | Successful Participant   |
| Xi'an Jiaotong University                 | China   | Lei Chen  | D   | Successful Participant   |
|   | Zhengzhou University of Light Industry  YANGTZE NORMAL UNIVERSITY  China People's Police University  National University of Defense Technology  ZHEJIANG UNIVERSITY  Nanchang University  Xi'an Jiaotong University  National University of Defense Technology  Tianjin University  National University of Defense Technology | Zhengzhou University of Light Industry  China  YANGTZE NORMAL UNIVERSITY  China  China People's Police University  China  National University of Defense Technology  China  ZHEJIANG UNIVERSITY  China  Xi'an Jiaotong University  China  National University of Defense Technology  China  Tianjin University  China  National University of Defense Technology  China  National University China  China | Zhengzhou University of Light Industry  China  Weiwei Zhang  YANGTZE NORMAL UNIVERSITY  China  Cunwei Zhang  National University of Defense Technology  China  Ziyang Mao  ZHEJIANG UNIVERSITY  China  Yu Jinnuo  Nanchang University  China  He Jiang  Xi'an Jiaotong University  China  Lei Chen  National University of Defense Technology  China  Ziyang Mao  Tianjin University  China  Liyang Mao  Tianjin University  China  Tianjin University  China  Ziyang Mao  National University of Defense Technology  China  Ziyang Mao | Zhengzhou University of Light Industry  China  Weiwei Zhang  D  YANGTZE NORMAL UNIVERSITY  China  Cunwei Zhang  D  National University of Defense Technology  China  Ziyang Mao  D  ZHEJIANG UNIVERSITY  China  Yu Jinnuo  D  Nanchang University  China  He Jiang  D  Xi'an Jiaotong University  China  Lei Chen  D  National University of Defense Technology  China  Ziyang Mao  D  National University of Defense Technology  China  Ziyang Mao  D  National University  China  Hui Zhao  D  National University of Defense Technology  China  Ziyang Mao  D |

| Ctrl #  | institution                               | Country/Region | Advisor                    | Problem | designation            |
|---------|---|----------------|----------------------------|---------|------------------------|
| 2424694 | Northeastern University at Qinhuangdao    | China          | Nan Xiao                   | D       | Successful Participant |
| 2424729 | Southern University of Science and        | China          | Yepang liu                 | D       | Successful Participant |
| 2424732 | National University of Defense Technology | China          | Huaying Xie                | D       | Successful Participant |
| 2424736 | Huazhong University of Science and        | China          | Wang Haizhen               | D       | Successful Participant |
| 2424750 | Wenzhou University of Technology          | China          | Mathematical Modeling Team | n D     | Successful Participant |
| 2424762 | Dalian University                         | China          | Wang Sen                   | D       | Successful Participant |
| 2424789 | Dalian University                         | China          | Zhou Xiaoyue               | D       | Successful Participant |
| 2424814 | University of Electronic Science and      | China          | Li Mingqi                  | D       | Successful Participant |
| 2424880 | XIDIAN UNIVERSITY                         | China          | Mu Xuewen                  | D       | Successful Participant |
| 2424917 | Nanjing University                        | China          | Yonghao Liu                | D       | Successful Participant |
| 2424930 | North China University of Technology      | China          | Liang Peng                 | D       | Successful Participant |
| i       |   |                |                            |         |                        |

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|---------|---|----------------|--------------|---------|------------------------|
| 2424931 | XIDIAN UNIVERSITY                         | China          | Jing Li      | D       | Successful Participant |
| 2424933 | Wuhan University                          | China          | xiao wang    | D       | Successful Participant |
| 2424940 | Harbin Institute of Technology, Shenzhen  | China          | Hui Liang    | D       | Successful Participant |
| 2424949 | Harbin Institute of Technology, Shenzhen  | China          | Ciwei Kuang  | D       | Successful Participant |
| 2424998 | National University of Defense Technology | China          | Yangbin Tang | D       | Successful Participant |
| 2425003 | National University of Defense Technology | China          | Yangbin Tang | D       | Successful Participant |
| 2425031 | National University of Defense Technology | China          | Yangbin Tang | D       | Successful Participant |
| 2425040 | National University of Defense Technology | China          | Yangbin Tang | D       | Successful Participant |
| 2425074 | Xi'an Jiaotong University                 | China          | Long Chen    | D       | Successful Participant |
| 2425092 | Xi'an University of Architecture and      | China          | Kai Tian     | D       | Successful Participant |
| 2425094 | Anhui University                          | China          | Ming Fang    | D       | Successful Participant |

| institution                            | Country/Region   | Advisor   | Problem   | designation   |
|--|--|---|---|---|
| Xi'an Jiaotong University              | China  | Lei Chen  | D   | Successful Participant  |
| Xi'an Jiaotong University              | China  | Lei Chen  | D   | Successful Participant  |
| Central South University               | China  | ZHANG Hongyan   | D   | Successful Participant  |
| NanJing University                     | China  | DanPing Wen   | D   | Successful Participant  |
| Capital University of Economics and    | China  | Jack Ma   | D   | Successful Participant  |
| Guangzhou University                   | China  | Guodong He  | D   | Successful Participant  |
| ShanghaiUniversity                     | China  | Changjun Yu   | D   | Successful Participant  |
| XIDIAN UNIVERSITY                      | China  | Han Banghe  | D   | Successful Participant  |
| Beihang University                     | China  | Zhiheng Ding  | D   | Successful Participant  |
| Northeastern University at Qinhuangdao | China  | zhanglichaoouc@neuq.edu.  | D   | Successful Participant  |
| Chongqing University                   | China  | Jianwen Xu  | D   | Successful Participant  |
|  | Xi'an Jiaotong University  Xi'an Jiaotong University  Central South University  NanJing University  Capital University of Economics and  Guangzhou University  ShanghaiUniversity  XIDIAN UNIVERSITY  Beihang University  Northeastern University at Qinhuangdao | Xi'an Jiaotong University China  Xi'an Jiaotong University China  Central South University China  NanJing University China  Capital University of Economics and China  Guangzhou University China  ShanghaiUniversity China  XIDIAN UNIVERSITY China  Beihang University at Qinhuangdao China | Xi'an Jiaotong University China Lei Chen  Xi'an Jiaotong University China Central South University China DanPing Wen  Capital University of Economics and China Guangzhou University China Guodong He  ShanghaiUniversity China Changjun Yu  XIDIAN UNIVERSITY China Han Banghe  Beihang University at Qinhuangdao China zhanglichaoouc@neuq.edu. | Xi'an Jiaotong University China Lei Chen D  Xi'an Jiaotong University China Lei Chen D  Central South University China ZHANG Hongyan D  NanJing University China DanPing Wen D  Capital University of Economics and China Jack Ma D  Guangzhou University China Guodong He D  ShanghaiUniversity China Changjun Yu D  XIDIAN UNIVERSITY China Han Banghe D  Northeastern University at Qinhuangdao China zhanglichaoouc@neuq.edu. D |

| Ctrl #  | institution                           | Country/Region | Advisor         | Problem | designation            |
|---------|---------------------------------------|----------------|-----------------|---------|------------------------|
| 2425351 | Huazhong University of Science and    | China          | Xiliang Xian    | D       | Successful Participant |
| 2425362 | Hebei University                      | China          | Qiang Hua       | D       | Successful Participant |
| 2425379 | beijing institute of petrochemical    | China          | Huainian Zhang  | D       | Successful Participant |
| 2425395 | beijing institute of petrochemical    | China          | Shuxia Wang     | D       | Successful Participant |
| 2425400 | beijing institute of petrochemical    | China          | Liansheng Zhang | D       | Successful Participant |
| 2425427 | Northwestern Polytechnical University | China          | Yali Gao        | D       | Successful Participant |
| 2425438 | Lanzhou University of Technology      | China          | Fan Yang        | D       | Successful Participant |
| 2425472 | Shandong University                   | China          | Yuancheng Guo   | D       | Successful Participant |
| 2425524 | Lanzhou University                    | China          | JianWen Sun     | D       | Successful Participant |
| 2425549 | Jiangsu University                    | China          | Linhe Zhu       | D       | Successful Participant |
| 2425588 | Guangzhou University                  | China          | Renxiang Shao   | D       | Successful Participant |
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|---------|---|----------------|-------------------|---------|------------------------|
| 2425591 | The Chinese University of Hong Kong,    | China          | Wang Chuang       | D       | Successful Participant |
| 2425614 | Ocean University of China               | China          | Kebo Lv           | D       | Successful Participant |
| 2425640 | Nankai University                       | China          | Zheli Liu         | D       | Successful Participant |
| 2425653 | Lanzhou University                      | China          | Qingyuan Cao      | D       | Successful Participant |
| 2425654 | Institut Teknologi Bandung              | Indonesia      | Prama Setia Putra | D       | Successful Participant |
| 2425678 | Henan University of Economics and Law   | China          | Shoupu Lu         | D       | Successful Participant |
| 2425690 | Beijing University of Posts and         | China          | Yi Long           | D       | Successful Participant |
| 2425696 | Xidian university                       | China          | Yumeng Fu         | D       | Successful Participant |
| 2425712 | Huazhong University of Science and      | China          | Dan Li            | D       | Successful Participant |
| 2425735 | Xuchang University                      | China          | ZHAO Yanmin       | D       | Successful Participant |
| 2425741 | Guangdong Polytechnic Normal University | China          | Min Liu           | D       | Successful Participant |
| 4       |   |                |                   |         |                        |

| institution                             | Country/Region   | Advisor   | Problem  | designation   |
|---|--|---|--|---|
| Xuchang University                      | China  | GUO Yantao  | D  | Successful Participant  |
| Nanjing Medical University              | China  | Hui Chen  | D  | Successful Participant  |
| Lingnan Normal University               | China  | JiYu Zhong  | D  | Successful Participant  |
| HeFei University of Technology          | China  | Rong Zhou   | D  | Successful Participant  |
| Yunnan University of Finance and        | China  | Mei Xiong   | D  | Successful Participant  |
| Chongqing Jiaotong University           | China  | Yuanshun Tan  | D  | Successful Participant  |
| 中国石油大学(北京)克拉玛依校区                        | China  | 马鹏  | D  | Successful Participant  |
| Beijing Institute of Technology         | China  | Qingrui Zhao  | D  | Successful Participant  |
| 徐州医科大学                                  | China  | Qiang Yuqing  | D  | Successful Participant  |
| Shaanxi University of Science &         | China  | Hongwu Tan  | D  | Successful Participant  |
| Guangdong University of Foreign Studies | China  | Yue Guan  | D  | Successful Participant  |
|   | Xuchang University  Nanjing Medical University  Lingnan Normal University  HeFei University of Technology  Yunnan University of Finance and  Chongqing Jiaotong University  中国石油大学(北京)克拉玛依校区  Beijing Institute of Technology  徐州医科大学  Shaanxi University of Science & | Xuchang University China  Nanjing Medical University China  Lingnan Normal University China  HeFei University of Technology China  Yunnan University of Finance and Chongqing Jiaotong University China  中国石油大学(北京)克拉玛依校区 China  Beijing Institute of Technology China  徐州医科大学 China  Shaanxi University of Science & China | Xuchang University China GUO Yantao  Nanjing Medical University China Lingnan Normal University China JiYu Zhong HeFei University of Technology China Rong Zhou  Yunnan University of Finance and China Mei Xiong  Chongqing Jiaotong University China Yuanshun Tan  中国石油大学(北京) 克拉玛依校区 China 马鹏  Beijing Institute of Technology China Qingrui Zhao  徐州医科大学 China Qiang Yuqing  Shaanxi University of Science & China Hongwu Tan | Xuchang University China GUO Yantao D  Nanjing Medical University China Hui Chen D  Lingnan Normal University China JiYu Zhong D  HeFei University of Technology China Rong Zhou D  Yunnan University of Finance and China Mei Xiong D  Chongqing Jiaotong University China Yuanshun Tan D  中国石油大学(北京) 克拉玛依校区 China 马鹏 D  Beijing Institute of Technology China Qingrui Zhao D  徐州医科大学 China Qiang Yuqing D  Shaanxi University of Science & China Hongwu Tan D |

| Ctrl #  | institution                            | Country/Region | Advisor        | Problem | designation            |
|---------|--|----------------|----------------|---------|------------------------|
| 2425938 | Tongji University                      | China          | Han Yan        | D       | Successful Participant |
| 2425970 | Nanjing University of Aeronautics and  | China          | Zhang Hongming | D       | Successful Participant |
| 2425979 | Shanghai Jiao Tong University          | China          | Xinghao Chen   | D       | Successful Participant |
| 2425985 | SUN YAT-SEN UNIVERSITY                 | China          | Yanhui Guan    | D       | Successful Participant |
| 2426013 | Southern University Of Science and     | China          | Yuqun Zhang    | D       | Successful Participant |
| 2426046 | Jimei University                       | China          | Bin Huang      | D       | Successful Participant |
| 2426075 | Yunnan University of Finance and       | China          | 韩亚 <b>廷</b>    | D       | Successful Participant |
| 2426116 | Shanghai Normal University             | China          | Zhaoxiang Li   | D       | Successful Participant |
| 2426118 | Northeastern University at Qinhuangdao | China          | Rui Zhou       | D       | Successful Participant |
| 2426137 | Xi'an Jiaotong University              | China          | Xiangyong Cao  | D       | Successful Participant |
| 2426142 | Northeastern University at Qinhuangdao | China          | Mingwei Li     | D       | Successful Participant |

| Ctrl #  | institution                       | Country/Region | Advisor       | Problem | designation            |
|---------|-----------------------------------|----------------|---------------|---------|------------------------|
| 2426185 | Zhejiang Yuexiu University        | China          | Lijun Wu      | D       | Successful Participant |
| 2426188 | Central University of Finance and | China          | Mu Lin        | D       | Successful Participant |
| 2426200 | Hangzhou Normal University        | china          | Pan Jiazhi    | D       | Successful Participant |
| 2426221 | Sichuan University                | China          | Xuran Chen    | D       | Successful Participant |
| 2426222 | South-Central Minzu University    | China          | She Wei       | D       | Successful Participant |
| 2426230 | Qingdao University of Science and | China          | Na Ma         | D       | Successful Participant |
| 2426241 | Nanjing Forestry University       | China          | Lili Yu       | D       | Successful Participant |
| 2426260 | XIDIAN UNIVERSITY                 | China          | Lu Nan        | D       | Successful Participant |
| 2426271 | Southwest Minzu University        | China          | Xiaoguang Liu | D       | Successful Participant |
| 2426294 | Wuhan University                  | China          | 张凯 <b>奇</b>   | D       | Successful Participant |
| 2426295 | Northeast Agricultural University | China          | Zhanguo Zhang | D       | Successful Participant |
| 4       |                                   |                |               |         |                        |

| Ctrl #  | institution                                | Country/Region | Advisor      | Problem | designation            |
|---------|--|----------------|--------------|---------|------------------------|
| 2426296 | Nanjing Forestry University                | China          | Zi Yu        | D       | Successful Participant |
| 2426315 | RENMIN UNIVERSITY OF CHINA                 | China          | Li Shiyu     | D       | Successful Participant |
| 2426352 | Beijing Normal University                  | China          | Yuchen Yang  | D       | Successful Participant |
| 2426451 | Northeast Agricultural University          | China          | Yazhuo Zhang | D       | Successful Participant |
| 2426481 | Fuzhou University of International Studies | China          | Zhifeng Chen | D       | Successful Participant |
| 2426508 | John Carroll University                    | USA            | Axel Brandt  | D       | Successful Participant |
| 2426520 | Trinity Preparatory School                 | USA            | Youle Wang   | D       | Successful Participant |
| 2426593 | Jilin University                           | China          | Ziqian zhang | D       | Successful Participant |
| 2426617 | South China Normal University              | China          | Jiaolian Wu  | D       | Successful Participant |
| 2426631 | Huizhou University                         | China          | Mingcan Fan  | D       | Successful Participant |
| 2426645 | Tiangong University                        | China          | Li Hongjun   | D       | Successful Participant |
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| institution                           | Country/Region  | Advisor   | Problem   | designation  |
|---------------------------------------|---|---|---|--|
| Minzu University of China             | China   | Su Yunan  | D   | Successful Participant   |
| Northwestern Polytechnical University | China   | Andy Lee  | D   | Successful Participant   |
| Suzhou University of Science and      | China   | Tao Li  | D   | Successful Participant   |
| Southwest Jiaotong University         | China   | Qingjun Li  | D   | Successful Participant   |
| Henan University of Engineering       | China   | Huicai Jia  | D   | Successful Participant   |
| Ningbo University                     | China   | Chuanqiang Chen   | D   | Successful Participant   |
| Northeast Agricultural University     | China   | Fangge Li   | D   | Successful Participant   |
| Northeast Agricultural University     | China   | Fangge Li   | D   | Successful Participant   |
| Northeast Electric Power University   | China   | Yan Shi   | D   | Successful Participant   |
| Henan University of Engineering       | China   | Huicai Jia  | D   | Successful Participant   |
| MACAU PUICHING MIDDLE SCHOOL          | CHINA   | LEI UT TENG   | D   | Successful Participant   |
|                                       | Minzu University of China  Northwestern Polytechnical University  Suzhou University of Science and  Southwest Jiaotong University  Henan University of Engineering  Ningbo University  Northeast Agricultural University  Northeast Agricultural University  Northeast Electric Power University  Henan University of Engineering | Minzu University of China  Northwestern Polytechnical University China  Suzhou University of Science and China  Southwest Jiaotong University China  Henan University of Engineering China  Northeast Agricultural University China  Northeast Agricultural University China  Northeast Electric Power University China  Henan University of Engineering China  China  China  China | Minzu University of China  China  Su Yunan  Northwestern Polytechnical University  China  Tao Li  Southwest Jiaotong University  China  China  Qingjun Li  Henan University of Engineering  China  China  Chuanqiang Chen  Northeast Agricultural University  China  Fangge Li  Northeast Agricultural University  China  Fangge Li  Northeast Electric Power University  China  Huicai Jia  Henan University of Engineering  China  Huicai Jia | Minzu University of China  China  Su Yunan  D  Northwestern Polytechnical University  China  Andy Lee  D  Suzhou University of Science and  China  Tao Li  D  Southwest Jiaotong University  China  China  Huicai Jia  D  Ningbo University  China  China  Chuanqiang Chen  D  Northeast Agricultural University  China  Fangge Li  D  Northeast Agricultural University  China  Fangge Li  D  Northeast Electric Power University  China  Huicai Jia  D  Henan University of Engineering  China  Huicai Jia  D  Henan University of Engineering  China  Huicai Jia  D |

| Ctrl #  | institution                          | Country/Region | Advisor                    | Problem | designation            |
|---------|--------------------------------------|----------------|----------------------------|---------|------------------------|
| 2426844 | Suzhou University of Science and     | China          | Tao Li                     | D       | Successful Participant |
| 2426848 | Tiangong University                  | China          | Shi Lei                    | D       | Successful Participant |
| 2426906 | Hunan Normal University              | China          | Ming Chen & Zhongxiang     | D       | Successful Participant |
| 2426943 | Wuhan University                     | China          | Hu Xinqi                   | D       | Successful Participant |
| 2427024 | Shandong Agriculture and Engineering | China          | Yanqing Wen                | D       | Successful Participant |
| 2427038 | Wuhan University                     | China          | Fei Tang                   | D       | Successful Participant |
| 2427100 | Shandong University                  | China          | Xiaodong Yang              | D       | Successful Participant |
| 2427130 | Xinjiang University                  | China          | jiong zheng                | D       | Successful Participant |
| 2427143 | Shanghai Normal University           | China          | 1000516978@smail.shnu.edu. | . D     | Successful Participant |
| 2427172 | Central University Of Finance And    | China          | lin mu                     | D       | Successful Participant |
| 2427179 | Xidian University                    | China          | Hua Chen                   | D       | Successful Participant |
|         |                                      |                |                            |         |                        |

| Ctrl #  | institution                              | Country/Region | Advisor       | Problem | designation            |
|---------|--|----------------|---------------|---------|------------------------|
| 2427195 | Ningbo University                        | China          | Xiaoyu Zhu    | D       | Successful Participant |
| 2427233 | China University of Geosciences, Wuhan   | China          | Wei Han       | D       | Successful Participant |
| 2427241 | Huazhong University of Science and       | China          | Liqin Zhou    | D       | Successful Participant |
| 2427290 | South China Normal University            | China          | None          | D       | Successful Participant |
| 2427314 | Tianjin University of Science and        | China          | Qi Zhao       | D       | Successful Participant |
| 2427365 | China University Of Petroleum - Beijing  | China          | Yongjiang Li  | D       | Successful Participant |
| 2427377 | Xiamen University                        | China          | Yunfeng Wu    | D       | Successful Participant |
| 2427408 | Jiangxi University of Finance and        | China          | Yang Shouyuan | D       | Successful Participant |
| 2427461 | Central South University of Forestry and | China          | Guoxiong Zhou | D       | Successful Participant |
| 2427549 | Wuhan University of Science and          | China          | Qiang Zhang   | D       | Successful Participant |
| 2427556 | Renmin University of China               | China          | Gang Yang     | D       | Successful Participant |

| Ctrl #  | institution                                | Country/Region     | Advisor        | Problem | designation            |
|---------|--|--------------------|----------------|---------|------------------------|
| 2427559 | Nanjing University                         | China              | Wei Wang       | D       | Successful Participant |
| 2427621 | Quanzhou College of Information            | China              | Tan Xinxin     | D       | Successful Participant |
| 2427632 | Quanzhou College of Information            | China              | Tan Xinxin     | D       | Successful Participant |
| 2427642 | Southwestern University of Finance and     | China              | Huang Mian     | D       | Successful Participant |
| 2427647 | Fujian Agriculture and Forestry University | China              | Yunguo Lin     | D       | Successful Participant |
| 2427695 | Tianjin University                         | China              | Jiawei Feng    | D       | Successful Participant |
| 2427738 | SMBU                                       | China              | Ye Zhang       | D       | Successful Participant |
| 2427780 | Pepperdine University                      | USA                | Courtney Davis | D       | Successful Participant |
| 2427825 | University of Nottingham                   | The United Kingdom | Ming Lin       | D       | Successful Participant |
| 2427861 | Fujian Agriculture and Forestry University | China              | Yunguo Lin     | D       | Successful Participant |
| 2427872 | Huazhong Agricultural University           | China              | Xinglong Ren   | D       | Successful Participant |
| 4       |  |                    |                |         |                        |

| Ctrl #  | institution                              | Country/Region | Advisor                 | Problem | designation            |
|---------|--|----------------|-------------------------|---------|------------------------|
| 2427932 | Zhaoqing Bona Experimental School        | China          | Dai Yinghan             | D       | Successful Participant |
| 2427975 | Suzhou University of Science and         | China          | WEIYU LI                | D       | Successful Participant |
| 2427984 | Xi'an Jiaotong University                | China          | Lei Chen                | D       | Successful Participant |
| 2428050 | University of International Business and | China          | Qi Zhang                | D       | Successful Participant |
| 2428139 | Hunanchengshi University                 | China          | Anding Dai              | D       | Successful Participant |
| 2428146 | Chongqing Jiaotong University            | China          | Wei Jiang               | D       | Successful Participant |
| 2428199 | Xi'an Jiaotong-Liverpool University      | China          | Benyu Zhang             | D       | Successful Participant |
| 2428233 | Wenzhou University                       | China          | Huiling Chen, Caitou He | D       | Successful Participant |
| 2428252 | Anhui University of Science and          | China          | Pan Li                  | D       | Successful Participant |
| 2428260 | university of Nottingham Ningbo China    | China          | Jing Wang               | D       | Successful Participant |
| 2428262 | Sun Yat-sen University                   | China          | Linlin Che              | D       | Successful Participant |
|         |  |                |                         |         |                        |

| Ctrl #  | institution                         | Country/Region | Advisor     | Problem | designation            |
|---------|-------------------------------------|----------------|-------------|---------|------------------------|
| 2428263 | Chongqing Jiaotong University       | China          | Ting Lei    | D       | Successful Participant |
| 2428288 | Chongqing Jiaotong University       | China          | Yunlong Liu | D       | Successful Participant |
| 2428290 | Chongqing Jiaotong University       | China          | Yunlong Liu | D       | Successful Participant |
| 2428317 | Nanjing Tech University             | China          | Weiwei Yang | D       | Successful Participant |
| 2428328 | Zhejiang Chinese Medical University | China          | Gehong Li   | D       | Successful Participant |
| 2428351 | Nanjing Tech University             | China          | Guoqing Liu | D       | Successful Participant |
| 2428352 | Huaqiao University                  | China          | Lixin Zheng | D       | Successful Participant |
| 2428437 | Nankai University                   | China          | Yuanhua Ni  | D       | Successful Participant |
| 2428453 | Southeast University                | China          | Dan He      | D       | Successful Participant |
| 2428464 | Qiqihar Medical University          | China          | Yunna Song  | D       | Successful Participant |
| 2428465 | Capital Normal University           | China          | Feng Wang   | D       | Successful Participant |
| 4       |                                     |                |             |         |                        |

| Ctrl #  | institution                             | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2428499 | Beihang University                      | China          | Binghui Guo   | D       | Successful Participant |
| 2428521 | Zhejiang Chinese Medical University     | China          | Xiaochun Shi  | D       | Successful Participant |
| 2428559 | Heifei University of technology         | China          | Xianwen Zhang | D       | Successful Participant |
| 2428569 | Zhejiang Chinese Medical University     | China          | Xiaochun Shi  | D       | Successful Participant |
| 2428593 | China University of Petroleum           | China          | Sang Zhaoyang | D       | Successful Participant |
| 2428597 | Chongqing University of Posts and       | China          | Laquan Li     | D       | Successful Participant |
| 2428634 | Wuhan University of Science and         | China          | Haolun Xu     | D       | Successful Participant |
| 2428639 | Wuhan University of Science and         | China          | Xiaoxu Zheng  | D       | Successful Participant |
| 2428648 | University of Science and Technology of | China          | Qirun Zeng    | D       | Successful Participant |
| 2428666 | University of Electronic Science and    | China          | Xiaoping Li   | D       | Successful Participant |
| 2428682 | Wuhan University                        | China          | Xuhui Chen    | D       | Successful Participant |
|         |   |                | ·             |         |                        |

| Ctrl #  | institution                           | Country/Region | Advisor        | Problem | designation                           |
|---------|---------------------------------------|----------------|----------------|---------|---------------------------------------|
| 2428755 | XIDIAN UNIVERSITY                     | China          | Jingfen Lan    | D       | Successful Participant                |
| 2428781 | Beijing Normal University             | China          | Mengxi Yi      | D       | Successful Participant                |
| 2428789 | Xi'an Jiaotong University             | China          | Lei Chen       | D       | Successful Participant                |
| 2428791 | Donghua University                    | China          | 孙奉天            | D       | Successful Participant                |
| 2428796 | Beihang University                    | China          | Yin Ziqiao     | D       | Successful Participant                |
| 2428803 | Jinling Institute of Technology       | China          | Haiyan Xu      | D       | Successful Participant                |
| 2428821 | Qingdao University                    | China          | Jinpeng Yu     | D       | Successful Participant                |
| 2428843 | Donghua University                    | China          | Nan Li         | D       | Successful Participant                |
| 2428853 | Northwestern Polytechnical University | China          | Huayong Xiao   | D       | Successful Participant                |
| 2428863 | Henan University of Technology        | China          | Teachers Group | D       | Successful Participant                |
| 2428864 | Wuhan University                      | China          | Hu Jie         | D       | Successful Participant                |
| 4       |                                       |                |                |         | · · · · · · · · · · · · · · · · · · · |

| institution                              | Country/Region  | Advisor  | Problem  | designation   |
|--|---|--|--|---|
| Hunan Normal University                  | China   | Xingyuan Zeng  | D  | Successful Participant  |
| Zhengzhou Railway Vocational and         | China   | Yuchun Xu  | D  | Successful Participant  |
| Hangzhou Normal University Qianjiang     | China   | Shao-Fang Tang   | D  | Successful Participant  |
| XIDIAN UNIVERSITY                        | China   | Yuqian Yang  | D  | Successful Participant  |
| Zhengzhou University                     | China   | Lingbin Kong   | D  | Successful Participant  |
| Xi'an Jiaotong-Liverpool University      | China   | Yujie Wang   | D  | Successful Participant  |
| University of Chinese Academy of Social  | China   | Yanxia Zheng   | D  | Successful Participant  |
| Zhejiang University                      | China   | Meng Zhang   | D  | Successful Participant  |
| Shanghai Experimental Foreign Language   | China   | Arya Fu  | D  | Successful Participant  |
| Zhuhai College of Science and Technology | China   | Zeng Zhifeng   | D  | Successful Participant  |
| City University of Hong Kong             | Hong Kong (SAR)   | Harsh Lalwani  | D  | Successful Participant  |
|  | Hunan Normal University  Zhengzhou Railway Vocational and  Hangzhou Normal University Qianjiang  XIDIAN UNIVERSITY  Zhengzhou University  Xi'an Jiaotong-Liverpool University  University of Chinese Academy of Social  Zhejiang University  Shanghai Experimental Foreign Language  Zhuhai College of Science and Technology | Hunan Normal University  China  Zhengzhou Railway Vocational and  China  Hangzhou Normal University Qianjiang  China  XIDIAN UNIVERSITY  China  Zhengzhou University  China  Xi'an Jiaotong-Liverpool University  China  University of Chinese Academy of Social  China  Zhejiang University  China  Zhejiang University  China  Zhuhai College of Science and Technology  China | Hunan Normal University  China  Xingyuan Zeng  Zhengzhou Railway Vocational and  China  Yuchun Xu  Hangzhou Normal University Qianjiang  China  Shao-Fang Tang  XIDIAN UNIVERSITY  China  Yuqian Yang  Zhengzhou University  China  Lingbin Kong  Xi'an Jiaotong-Liverpool University  China  Yujie Wang  University of Chinese Academy of Social  China  Yanxia Zheng  Zhejiang University  China  Meng Zhang  Shanghai Experimental Foreign Language  China  Zeng Zhifeng  Zhuhai College of Science and Technology  China  Zeng Zhifeng | Hunan Normal University  China  Xingyuan Zeng  D  Zhengzhou Railway Vocational and  China  Yuchun Xu  D  Hangzhou Normal University Qianjiang  China  Shao-Fang Tang  D  XIDIAN UNIVERSITY  China  Yuqian Yang  D  Zhengzhou University  China  Lingbin Kong  D  Xi'an Jiaotong-Liverpool University  China  Yujie Wang  D  University of Chinese Academy of Social  China  Yanxia Zheng  D  Zhejiang University  China  Meng Zhang  D  Zhanghai Experimental Foreign Language  China  Arya Fu  D  Zhuhai College of Science and Technology  China  Zeng Zhifeng  D |

| institution                               | Country/Region  | Advisor   | Problem  | designation  |
|---|---|---|--|--|
| Sichuan Normal University                 | China   | Yongle Zhang  | D  | Successful Participant   |
| Georgia Institute of Technology           | USA   | Jake Watts  | D  | Successful Participant   |
| University of Wisconsin-Madison           | USA   | Saverio Spagnolie   | D  | Successful Participant   |
| University of Northwestern St. Paul       | USA   | Jonathan Zderad   | D  | Successful Participant   |
| Ontario Tech University                   | Canada  | Sean Bohun  | D  | Successful Participant   |
| Cal Poly Humboldt                         | USA   | Elizabeth Eschenbach  | D  | Successful Participant   |
| Xi'an Jiaotong University                 | China   | Lei Chen  | D  | Successful Participant   |
| Wenzhou University                        | China   | Caitou He   | D  | Successful Participant   |
| University of Colorado Denver             | USA   | Julien Langou   | D  | Successful Participant   |
| School of Applied Science and Technology, | China   | Shengnan Liang  | D  | Successful Participant   |
| Zhengzhou University                      | China   | LiyingZhang   | D  | Successful Participant   |
|   | Sichuan Normal University  Georgia Institute of Technology  University of Wisconsin-Madison  University of Northwestern St. Paul  Ontario Tech University  Cal Poly Humboldt  Xi'an Jiaotong University  Wenzhou University  University of Colorado Denver  School of Applied Science and Technology, | Sichuan Normal University  China  Georgia Institute of Technology  USA  University of Wisconsin-Madison  USA  University of Northwestern St. Paul  Ontario Tech University  Canada  Cal Poly Humboldt  USA  Xi'an Jiaotong University  China  Wenzhou University  China  University of Colorado Denver  USA  School of Applied Science and Technology,  China | Sichuan Normal University  China  Yongle Zhang  Georgia Institute of Technology  USA  Jake Watts  University of Wisconsin-Madison  USA  Saverio Spagnolie  University of Northwestern St. Paul  USA  Jonathan Zderad  Ontario Tech University  Canada  Sean Bohun  Cal Poly Humboldt  USA  Elizabeth Eschenbach  Xi'an Jiaotong University  China  Lei Chen  Wenzhou University  China  Caitou He  University of Colorado Denver  USA  Julien Langou  School of Applied Science and Technology,  China  Shengnan Liang | Sichuan Normal University  China  Yongle Zhang  D  Georgia Institute of Technology  USA  Jake Watts  D  University of Wisconsin-Madison  USA  Saverio Spagnolie  D  University of Northwestern St. Paul  USA  Jonathan Zderad  D  Ontario Tech University  Canada  Sean Bohun  D  Cal Poly Humboldt  USA  Elizabeth Eschenbach  D  Xi'an Jiaotong University  China  Lei Chen  D  Wenzhou University  China  Caitou He  D  University of Colorado Denver  USA  Julien Langou  D  School of Applied Science and Technology,  China  Shengnan Liang  D |

| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation            |
|---------|---|----------------|---------------|---------|------------------------|
| 2429362 | 郑 <b>州铁路</b> 职业 <b>技术学院</b>               | China          | 郝哲永           | D       | Successful Participant |
| 2429391 | Mudanjiang Normal University              | China          | Wenying Zhao  | D       | Successful Participant |
| 2429420 | Capital University of Economics and       | China          | Yueshuang Li  | D       | Successful Participant |
| 2429440 | University of Chinese Academy of Sciences | China          | Hui Liu       | D       | Successful Participant |
| 2429454 | Northwestern Polytechnical University     | China          | Shuming Zhang | D       | Successful Participant |
| 2429461 | Shenyang Agricultural University          | China          | Guihong Tao   | D       | Successful Participant |
| 2429464 | Peking University                         | China          | Zijing Dong   | D       | Successful Participant |
| 2429469 | Peking University                         | China          | Zijing Dong   | D       | Successful Participant |
| 2429489 | Peking University                         | China          | Zijing Dong   | D       | Successful Participant |
| 2429501 | Wenzhou university                        | China          | Hengguo Yu    | D       | Successful Participant |
| 2429503 | Wenzhou university                        | China          | Hengguo Yu    | D       | Successful Participant |
| 4       |   |                |               |         |                        |

| institution                     | Country/Region  | Advisor   | Problem  | designation   |
|---------------------------------|---|---|--|---|
| Beihang University              | China   | Binghui Guo   | D  | Successful Participant  |
| Wenzhou university              | China   | Anbao Xu  | D  | Successful Participant  |
| Jinan University                | China   | Yuxuan Li   | D  | Successful Participant  |
| Southwest University            | China   | Yao Li  | D  | Successful Participant  |
| Shanghai Civil Aviation College | China   | Na Li   | D  | Successful Participant  |
| Wenzhou university              | China   | Fengjing Cai  | D  | Successful Participant  |
| Tongji University               | China   | Maomao Ji   | D  | Successful Participant  |
| ChongqingUniversity             | China   | Haowen Sheng  | D  | Successful Participant  |
| Wenzhou University              | China   | Wenyong Gui   | D  | Successful Participant  |
| East China Normal University    | China   | Yongfang Liu  | D  | Successful Participant  |
| Tongji University               | China   | YinJie Wang   | D  | Successful Participant  |
|                                 | Beihang University  Wenzhou university  Jinan University  Southwest University  Shanghai Civil Aviation College  Wenzhou university  Tongji University  ChongqingUniversity  Wenzhou University  East China Normal University | Beihang University China  Wenzhou university China  Southwest University China  Shanghai Civil Aviation College China  Wenzhou university China  Tongji University China  ChongqingUniversity China  Wenzhou University China  East China Normal University China | Beihang University  China  Binghui Guo  Wenzhou university  China  Jinan University  China  Yuxuan Li  Southwest University  China  Yao Li  Shanghai Civil Aviation College  China  Na Li  Wenzhou university  China  Fengjing Cai  Tongji University  China  Maomao Ji  ChongqingUniversity  China  Haowen Sheng  Wenzhou University  China  Wenyong Gui  East China Normal University  China  Yongfang Liu | Beihang University China Binghui Guo D Wenzhou university China Anbao Xu D Jinan University China Yuxuan Li D Southwest University China Yao Li D Shanghai Civil Aviation College China Na Li D Wenzhou university China Fengjing Cai D Tongji University China Maomao Ji D ChongqingUniversity China Haowen Sheng D Wenzhou University China Wenyong Gui D East China Normal University China Yongfang Liu D |

| Ctrl #  | institution                          | Country/Region | Advisor       | Problem | designation            |
|---------|--------------------------------------|----------------|---------------|---------|------------------------|
| 2429760 | Shanghai Normal University           | China          | Dongwei He    | D       | Successful Participant |
| 2429761 | Suqian University                    | China          | GuYing        | D       | Successful Participant |
| 2429762 | Beijing Mingcheng Academy            | China          | Tao Dajiang   | D       | Successful Participant |
| 2429806 | Huazhong Agricultural University     | China          | Pengju Han    | D       | Successful Participant |
| 2429829 | Kunming University of Science and    | China          | Qingwang Wang | D       | Successful Participant |
| 2429838 | East China University of Science and | China          | Qinmin Yang   | D       | Successful Participant |
| 2429899 | Wuhan University                     | China          | 龚泳舟           | D       | Successful Participant |
| 2429919 | Liaoning University                  | China          | Rongbing Wang | D       | Successful Participant |
| 2429928 | BEIJING NORMAL UNIVERSITY            | CHINA          | HU HANWEN     | D       | Successful Participant |
| 2429930 | Dalian Polytechnic University        | China          | Yujie Zhang   | D       | Successful Participant |
| 2429934 | Nanjing University of Finance and    | China          | Jingsan Yang  | D       | Successful Participant |
| 4       |                                      |                |               |         |                        |

| Ctrl #  | institution                       | Country/Region | Advisor      | Problem | designation            |
|---------|-----------------------------------|----------------|--------------|---------|------------------------|
| 2429941 | Nanjing University of Finance and | China          | Jingsan Yang | D       | Successful Participant |
| 2429967 | XI'AN MINGDE INSTITUTE OF         | CHINA          | NI LI        | D       | Successful Participant |
| 2429974 | XI'AN MINGDE INSTITUTE OF         | CHINA          | Wei Zheng    | D       | Successful Participant |
| 2429984 | XI'AN MINGDE INSTITUTE OF         | CHINA          | Hui Dong     | D       | Successful Participant |
| 2429992 | XI'AN MINGDE INSTITUTE OF         | CHINA          | Nini Guo     | D       | Successful Participant |
| 2430007 | Shenzhen Technology University    | China          | Junfeng He   | D       | Successful Participant |
| 2430015 | Beihang University                | China          | Feng Wei     | D       | Successful Participant |
| 2430041 | Nanjing University of Finance and | China          | Ke Jing      | D       | Successful Participant |
| 2430084 | Xiamen University                 | China          | Jinyu Liu    | D       | Successful Participant |
| 2430101 | Shanghai Maritime University      | China          | Minhao Hong  | D       | Successful Participant |
| 2430139 | Communication University of China | China          | Shan Liu     | D       | Successful Participant |
| 4       |                                   |                |              |         |                        |

| Ctrl #  | institution                       | Country/Region | Advisor         | Problem | designation            |
|---------|-----------------------------------|----------------|-----------------|---------|------------------------|
| 2430186 | Fudan University                  | China          | Fan Cheng       | D       | Successful Participant |
| 2430198 | Miami University                  | USA            | Doug Ward       | D       | Successful Participant |
| 2430199 | Xiamen University                 | China          | Min Jiang       | D       | Successful Participant |
| 2430223 | Simpson College                   | USA            | Ross Sweet      | D       | Successful Participant |
| 2430228 | Columbia University               | USA            | George Dragomir | D       | Successful Participant |
| 2430234 | Shanghai                          | China          | Jasper Shen     | D       | Successful Participant |
| 2402156 | Chengdu University of Information | China          | Gufang Mou      | D       | Unsuccessful - I       |
| 2402323 | Jiangsu Normal University         | China          | He Li           | D       | Unsuccessful - I       |
| 2408654 | Shanghai Jiao Tong University     | China          | Di Wang         | D       | Unsuccessful - I       |
| 2400889 | Shanghai maritime university      | China          | XIAOLIN ZHU     | D       | Disqualified - P       |
| 2401916 | Hunan University                  | China          | Wenye Wang      | D       | Disqualified - P       |
| 4       |                                   |                | •               |         |                        |

| 2401928 Xi'an Jiaotong-Liverpool University China Huaijin.Ran D Disqualified - P  2402413 Zhejiang University of Finance & China Cheng Fang D Disqualified - P  2402827 People's Public Security University of China China Hong Zhang D Disqualified - P  2402852 Wuyi University China Wenchao Pan D Disqualified - P  2403099 Nankai University China Yujie He D Disqualified - P  2403528 Qingdao City University China Dong Yixin D Disqualified - P  2403566 China University of Petroleum China Xijun Liang D Disqualified - P  2404208 Shanghai University China Xinjian Xu D Disqualified - P  2404209 China University of Petroleum CHINA Chen Hua D Disqualified - P  2404399 China University of Petroleum CHINA Chen Hua D Disqualified - P  2404700 Harbin Engineering University China Wang Shujuan D Disqualified - P | Ctrl #  | institution                                  | Country/Region | Advisor      | Problem | designation      |
|--|---------|--|----------------|--------------|---------|------------------|
| 2402827 People's Public Security University of China China Hong Zhang D Disqualified - P  2402852 Wuyi University China Wenchao Pan D Disqualified - P  2403099 Nankai University China Yujie He D Disqualified - P  2403528 Qingdao City University China Dong Yixin D Disqualified - P  2403566 China University of Petroleum China Xijun Liang D Disqualified - P  2404208 Shanghai University China Xinjian Xu D Disqualified - P  2404399 China University of Petroleum CHINA Chen Hua D Disqualified - P  2404700 Harbin Engineering University China Wang Shujuan D Disqualified - P  | 2401928 | Xi'an Jiaotong-Liverpool University          | China          | Huaijin.Ran  | D       | Disqualified - P |
| 2402852 Wuyi University  China  Wenchao Pan  Disqualified - P  2403099 Nankai University  China  Yujie He  Disqualified - P  2403528 Qingdao City University  China  Dong Yixin  Disqualified - P  2403566 China University of Petroleum  China  Xijun Liang  Disqualified - P  2404208 Shanghai University  China  Xinjian Xu  Disqualified - P  2404399 China University of Petroleum  CHINA  Chen Hua  Disqualified - P  2404700 Harbin Engineering University  China  Wang Shujuan  Disqualified - P   | 2402413 | Zhejiang University of Finance &             | China          | Cheng Fang   | D       | Disqualified - P |
| 2403099 Nankai University  China  Pujie He  D  Disqualified - P  2403528 Qingdao City University  China  Dong Yixin  D  Disqualified - P  2403566 China University of Petroleum  China  Xijun Liang  D  Disqualified - P  2404208 Shanghai University  China  Xinjian Xu  D  Disqualified - P  2404399 China University of Petroleum  CHINA  Chen Hua  D  Disqualified - P  2404700 Harbin Engineering University  China  Wang Shujuan  D  Disqualified - P  | 2402827 | People's Public Security University of China | China          | Hong Zhang   | D       | Disqualified - P |
| 2403528 Qingdao City University  China  Dong Yixin  D  Disqualified - P  2403566 China University of Petroleum  China  Xijun Liang  D  Disqualified - P  2404208 Shanghai University  China  Xinjian Xu  D  Disqualified - P  2404399 China University of Petroleum  CHINA  Chen Hua  D  Disqualified - P  2404700 Harbin Engineering University  China  Wang Shujuan  D  Disqualified - P   | 2402852 | Wuyi University                              | China          | Wenchao Pan  | D       | Disqualified - P |
| 2403566 China University of Petroleum China Xijun Liang D Disqualified - P  2404208 Shanghai University China Xinjian Xu D Disqualified - P  2404399 China University of Petroleum CHINA Chen Hua D Disqualified - P  2404700 Harbin Engineering University China Wang Shujuan D Disqualified - P  | 2403099 | Nankai University                            | China          | Yujie He     | D       | Disqualified - P |
| 2404208 Shanghai University  China  Xinjian Xu  D  Disqualified - P  CHINA  Chen Hua  D  Disqualified - P  CHINA  Chen Hua  D  Disqualified - P  CHINA  Chen Hua  D  Disqualified - P  | 2403528 | Qingdao City University                      | China          | Dong Yixin   | D       | Disqualified - P |
| 2404399 China University of Petroleum CHINA Chen Hua D Disqualified - P  2404700 Harbin Engineering University China Wang Shujuan D Disqualified - P   | 2403566 | China University of Petroleum                | China          | Xijun Liang  | D       | Disqualified - P |
| 2404700 Harbin Engineering University China Wang Shujuan D Disqualified - P  | 2404208 | Shanghai University                          | China          | Xinjian Xu   | D       | Disqualified - P |
|  | 2404399 | China University of Petroleum                | CHINA          | Chen Hua     | D       | Disqualified - P |
| 2405180 Beijing University of Chemical Technology China Junfeng Du Disqualified - P  | 2404700 | Harbin Engineering University                | China          | Wang Shujuan | D       | Disqualified - P |
|  | 2405180 | Beijing University of Chemical Technology    | China          | Junfeng Du   | D       | Disqualified - P |

| Ctrl #  | institution                            | Country/Region | Advisor             | Problem | designation      |  |
|---------|--|----------------|---------------------|---------|------------------|--|
| 2405385 | Dalian University of Technology        | China          | Qiuhui Pan          | D       | Disqualified - P |  |
| 2405400 | University of Shanghai for Science and | China          | Liu Qinming         | D       | Disqualified - P |  |
| 2405401 | Dalian University of Technology        | China          | Qiuhui Pan          | D       | Disqualified - P |  |
| 2405404 | University of Shanghai for Science and | China          | Liu Qinming         | D       | Disqualified - P |  |
| 2405680 | Jiangnan University                    | China          | Yongqing Yang       | D       | Disqualified - P |  |
| 2405721 | Xi'an University of Technology         | China          | Gang Hu             | D       | Disqualified - P |  |
| 2405743 | Chongqing University of Science and    | China          | Dongping Cao        | D       | Disqualified - P |  |
| 2406376 | Hebei University of Technology         | China          | Jianliang Chen      | D       | Disqualified - P |  |
| 2406468 | Beihua University                      | China          | Jiang Xiaowei, Ming | D       | Disqualified - P |  |
| 2406717 | Xijing University                      | China          | Peijun Zhang        | D       | Disqualified - P |  |
| 2407434 | Dalian University of Technology        | China          | Qiuhui Pan          | D       | Disqualified - P |  |
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| Ctrl #  | institution                               | Country/Region | Advisor       | Problem | designation      |
|---------|---|----------------|---------------|---------|------------------|
| 2407587 | Shanghai Normal University                | China          | Xiaoqian Feng | D       | Disqualified - P |
| 2407675 | Henan University of Technology            | China          | Jie Ren       | D       | Disqualified - P |
| 2408117 | Shanghai University of International      | China          | HaiTao Chai   | D       | Disqualified - P |
| 2408416 | Guangdong University of Finance           | China          | Yujing Zhou   | D       | Disqualified - P |
| 2409080 | Shanghai University                       | China          | Yufei Wang    | D       | Disqualified - P |
| 2409489 | Beijing University of Technology          | China          | Dr Hao Zhu    | D       | Disqualified - P |
| 2410053 | <b>上海国际商业与</b> 经济 <b>大学</b>               | China          | 易曾            | D       | Disqualified - P |
| 2410119 | north china university of science and     | China          | Wang Liya     | D       | Disqualified - P |
| 2410765 | China University of Mining and Technology | China          | Xiangjuan Yao | D       | Disqualified - P |
| 2411048 | Anhui Polytechnic University              | China          | Wenzhen Liu   | D       | Disqualified - P |
| 2411482 | Soochow University                        | China          | KUI WANG      | D       | Disqualified - P |
| 4       |   |                |               |         | ·                |

| Ctrl #  | institution                             | Country/Region | Advisor       | Problem | designation      |
|---------|---|----------------|---------------|---------|------------------|
| 2411541 | Northwestern Polytechnical University   | China          | Jie Ren       | D       | Disqualified - P |
| 2411964 | Henan University Of Economics And Law   | China          | Xinfu Hou     | D       | Disqualified - P |
| 2413360 | Taiyuan University of Science and       | China          | Ning Pang     | D       | Disqualified - P |
| 2413543 | Tianjin University                      | China          | Kaijin Zhou   | D       | Disqualified - P |
| 2413777 | Chongqing University of Posts and       | China          | Dajiang Lei   | D       | Disqualified - P |
| 2415104 | Beijing Jiaotong University             | China          | Bingli Fan    | D       | Disqualified - P |
| 2415404 | China University of Geosiences ,Beijing | China          | Advisor group | D       | Disqualified - P |
| 2416598 | New York University                     | USA            | Jie Ren       | D       | Disqualified - P |
| 2416922 | Xi'an Medical University                | China          | Junhui Yang   | D       | Disqualified - P |
| 2417058 | Tianjin Chengjian University            | China          | Jie Ren       | D       | Disqualified - P |
| 2418112 | Wuhan University                        | China          | Hu Xinqi      | D       | Disqualified - P |
|         |   |                |               |         |                  |

| Ctrl #  | institution                              | Country/Region | Advisor         | Problem | designation      |  |
|---------|--|----------------|-----------------|---------|------------------|--|
| 2418329 | Northeastern University at Qinhuangdao   | China          | Tieyu Zhao      | D       | Disqualified - P |  |
| 2418403 | Chongqing University                     | China          | Guanghui Huang  | D       | Disqualified - P |  |
| 2418720 | Henan University of Science and          | China          | Hao Qin         | D       | Disqualified - P |  |
| 2419048 | Chongqing University                     | China          | ghhecqu@163.com | D       | Disqualified - P |  |
| 2419446 | Fudan University                         | China          | Ziming Zhao     | D       | Disqualified - P |  |
| 2419759 | Ocean University of China                | China          | Haoran Zhang    | D       | Disqualified - P |  |
| 2419769 | Nanjing Normal University of Special     | China          | Zhili Ge        | D       | Disqualified - P |  |
| 2420129 | University of International Business and | China          | Chao Yu         | D       | Disqualified - P |  |
| 2420197 | Jiangxi University of Finance and        | China          | Man Wu          | D       | Disqualified - P |  |
| 2420260 | Southeast University                     | China          | Guofei Pang     | D       | Disqualified - P |  |
| 2420346 | Nanjing Agricultural University          | China          | Hao Zhang       | D       | Disqualified - P |  |
| 4       |  |                |                 |         |                  |  |

| Ctrl #  | institution                          | Country/Region | Advisor         | Problem | designation      |
|---------|--------------------------------------|----------------|-----------------|---------|------------------|
| 2421434 | Hefei University of Technology       | China          | Zhiguo Tang     | D       | Disqualified - P |
| 2422186 | Shandong University                  | China          | Xiangyuan Jiang | D       | Disqualified - P |
| 2422817 | Hebei University of Technology       | China          | Yalei Zhang     | D       | Disqualified - P |
| 2422889 | China Agricultural University        | China          | Xuhua Liu       | D       | Disqualified - P |
| 2422950 | University of Science and Technology | China          | Guiyan Ding     | D       | Disqualified - P |
| 2423728 | XIDIAN UNIVERSITY                    | China          | Hailin Feng     | D       | Disqualified - P |
| 2423746 | Tianjin University of Commerce       | China          | Zhai Wenxuan    | D       | Disqualified - P |
| 2424612 | Civil Aviation University of China   | China          | Baocheng Zhang  | D       | Disqualified - P |
| 2425972 | Yunnan University of Finance and     | China          | Chunsheng Zhang | D       | Disqualified - P |
| 2426310 | Nanjing Forestry University          | China          | Zi Yu           | D       | Disqualified - P |
| 2426363 | Shanghai Soong Ching Ling School     | China          | Ruirui Hu       | D       | Disqualified - P |
| i       |                                      |                |                 |         |                  |

| institution                                 | Country/Region   | Advisor   | Problem  | designation  |
|---|--|---|--|--|
| Xi'an Innovation College of Yan'an          | China  | Ying Zhang  | D  | Disqualified - P   |
| Hefei University of Technology              | China  | Minjun Wang   | D  | Disqualified - P   |
| Beijing University of Civil Engineering and | China  | Lei Zhang   | D  | Disqualified - P   |
| Jiangxi University of Finance and           | China  | ChangSheng Hua  | D  | Disqualified - P   |
| Beijing Normal University                   | China  | Hemin Lu  | D  | Disqualified - P   |
| City University of Hong Kong                | Hong Kong (SAR)  | HU Jiarui   | D  | Disqualified - P   |
| Anhui University of Science and             | China  | Hongxue Zhang   | D  | Disqualified - P   |
| Nanjing University of Aeronautics and       | China  | Gaoyu Cai   | D  | Disqualified - P   |
| Anhui University                            | China  | LIANG ZHANG   | D  | Disqualified - P   |
| Beijing University of Posts and             | China  | Minghao Du  | D  | Disqualified - P   |
| Guangdong University of Technology          | China  | None  | D  | Disqualified - P   |
|   | Xi'an Innovation College of Yan'an  Hefei University of Technology  Beijing University of Civil Engineering and  Jiangxi University of Finance and  Beijing Normal University  City University of Hong Kong  Anhui University of Science and  Nanjing University of Aeronautics and  Anhui University  Beijing University of Posts and | Xi'an Innovation College of Yan'an  Hefei University of Technology  China  Beijing University of Civil Engineering and  China  Jiangxi University of Finance and  China  Beijing Normal University  China  City University of Hong Kong  Hong Kong (SAR)  Anhui University of Aeronautics and  China  Anhui University  China  Beijing University of Posts and  China | Xi'an Innovation College of Yan'an China Ying Zhang  Hefei University of Technology China Minjun Wang  Beijing University of Civil Engineering and China Lei Zhang  Jiangxi University of Finance and China ChangSheng Hua  Beijing Normal University China Hemin Lu  City University of Hong Kong Hong Kong (SAR) HU Jiarui  Anhui University of Science and China Gaoyu Cai  Anhui University of Aeronautics and China Gaoyu Cai  Anhui University Of Posts and China Minghao Du  Beijing University of Posts and China Minghao Du | Xi'an Innovation College of Yan'an China Ying Zhang D  Hefei University of Technology China Minjun Wang D  Beijing University of Civil Engineering and China Lei Zhang D  Jiangxi University of Finance and China ChangSheng Hua D  Beijing Normal University China Hemin Lu D  City University of Hong Kong Hong Kong (SAR) HU Jiarui D  Anhui University of Science and China Gaoyu Cai D  Anhui University of Aeronautics and China LIANG ZHANG D  Beijing University of Posts and China Minghao Du D |

| Ctrl #  | institution                            | Country/Region | Advisor      | Problem | designation |  |
|---------|--|----------------|--------------|---------|-------------|--|
| 2416509 | Harbin Institute of Technology, Weihai | China          | Zou Xiaoling | D       | Not Judged  |  |