

# 2019 Interdisciplinary Contest in Modeling®

## Press Release—April 19, 2019

COMAP is pleased to announce the results of the 21st annual Interdisciplinary Contest in Modeling (ICM). This year 11262 teams representing institutions from fifteen countries/regions participated in the contest. Nineteen teams were designated as OUTSTANDING representing the following schools:

- Central University of Finance and Economics, China (2) (INFORMS Award & COMAP Scholarship Award 1916704)
- Chongqing University, China
- Duke University, NC, USA (Leonhard Euler Award & COMAP Scholarship Award)
- Emory University, GA, USA
- Lanzhou University of Technology, China
- Nanjing University, China
- Nanjing University of Information Science & Technology, China
- Northeastern University, China
- Renmin University of China, China
- Seattle Pacific University, WA, USA
- Southwestern University of Finance and Economics, China (2) (Vilfredo Pareto Award 1916375)
- Sun Yat-Sen University, China
- United States Military Academy, NY, USA (Rachel Carson Award)
- University of Electronic Science and Technology of China, China
- University of Virginia, VA, USA (INFORMS Award)
- Xi'an Jiaotong Liverpool University, China
- Xi'an Jiaotong University, China (INFORMS Award)

This year's contest ran from Thursday, January 24 to Monday, January 28, 2019. During that time, teams of three students researched, modeled, and wrote a solution to an open-ended interdisciplinary modeling problem. The 2019 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 involved developing an emergency evacuation model for the Louvre Museum to explore options to evacuate visitors from the museum, while also allowing emergency personnel to enter the building. Teams had to identify potential bottlenecks that could limit movement towards the exits. The E Problem asked teams to create an ecological services valuation model to understand the costs of land use projects. The model helped to perform a cost benefit analysis of land use development projects

of varying sizes, from small community-based projects to large national projects. The F Problem sought to identify the viability and effects of a global decentralized digital currency model that could identify key factors impacting the currency's growth, access, security, and stability at individual, national, and global levels. For all three problems, teams searched for pertinent data and grappled with how phenomena internal and external to the system needed to be considered and measured. 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 teams' results in a 20-page report. A selection of the Outstanding solution papers 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 information science, geography, economics, finance, optimization, networks, ecology, environmental sciences, public policy, and simulations.

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### 2019 ICM Statistics

- 11262 Teams participated
- 5728 Problem D submissions
- 4852 Problem E submissions
- 682 Problem F submissions
- 101 US Teams (1%)
- 11162 Foreign Teams (99%)
- 19 Outstanding Winners (1%)
- 18 Finalist Winners (1%)
- 883 Meritorious Winners (8%)
- 1673 Honorable Mentions (15%)
- 7489 Successful Participants (66%)
- 979 Unsuccessful Participants (9%)
- 201 Disqualified Teams (2%)

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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, resource management, operations research, information science, public health, and network science. Each team is expected 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: [www.mcmcontest.com](http://www.mcmcontest.com).

*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). 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.*



Administered by  
The Consortium for Mathematics  
and Its Applications

#### Contest Director

Chris Arney, *COMAP, Inc., MA*

#### Executive Director

Solomon A. Garfunkel, *COMAP, Inc., MA*

#### Deputy Director/Head Judge

Amanda Beecher, *Ramapo College, NJ*

#### Head Judges

Kasie Farlow, *Dominican College, NY*

Jessica Libertini, *Virginia Military Institute, VA*

Raluca Gera, *Naval Postgraduate School, CA*

Kate Coronges, *Northeastern University, MA*

Yulia Tyshchuk, *CNA, VA*

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation	
1904381	Sun Yat-Sen University	China	Jiajun Zhang	F	Outstanding Winner	
1905127	Southwestern University of Finance and	China	Dai Dai	F	Outstanding Winner	
1916375	Southwestern University of Finance and	China	Yunlong Sun	F	Outstanding Winner	Vilfredo Pareto Award
1916704	Central University of Finance and	China	Fan Xiaoming	F	Outstanding Winner	INFORMS Award COMAP Scholarship Award
1914680	Southwestern University of Finance and	China	Yunlong Sun	F	Finalist	
1915746	Central University of Finance and	China	Mu Lin	F	Finalist	
1917278	China Agricultural University	China	Jianping Yang	F	Finalist	
1900298	Shenzhen University	China	Weike Pan	F	Meritorious Winner	
1900367	DongHua University	China	Wu Yong	F	Meritorious Winner	
1900871	Beijing Normal University	China	Wang Zhiwei	F	Meritorious Winner	
1900966	University of International Business and	China	□□	F	Meritorious Winner	

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1901116	UIBE	China	Zhichao Shao	F	Meritorious Winner
1901200	SUN YAT-SEN UNIVERSITY	China	Jiajun Zhang	F	Meritorious Winner
1901287	Central University of Finance and	China	Fan Xiao Ming	F	Meritorious Winner
1901692	Tianjin Polytechnic University	China	Liang Xiyin	F	Meritorious Winner
1901695	Tianjin Polytechnic University	China	Zhang Xia	F	Meritorious Winner
1902522	Central University of Finance and	China	Fan Xiaoming	F	Meritorious Winner
1903582	Harbin Institute of Technology (Weihai)	China	Xiaoling Zou	F	Meritorious Winner
1905192	southwest university of finance and	China	yunlong sun	F	Meritorious Winner
1905608	South China University of Technology	China	Qing Liu	F	Meritorious Winner
1905662	Guangdong University of Technology	China	Chaoyong Jin	F	Meritorious Winner
1905758	Nankai University	China	Lingxia Sun	F	Meritorious Winner

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1906778	Jilin University	China	Fengfeng Zhou	F	Meritorious Winner
1906901	The University of Hong Kong	Hong Kong (SAR)	Rachel Lui	F	Meritorious Winner
1907420	Jilin University	China	Bao Haojing	F	Meritorious Winner
1907427	Huazhong Agricultural University	China	XU YAN LING	F	Meritorious Winner
1907629	Nankai University	China	Ji Jiaxiang	F	Meritorious Winner
1909949	Southwest University	China	Keyan Song	F	Meritorious Winner
1909964	Chongqing University of Science and	China	Wenshi Liao	F	Meritorious Winner
1910151	Chongqing University of Science and	China	Yi Yang	F	Meritorious Winner
1910285	Central South University	China	ZHENG Zhoushun	F	Meritorious Winner
1910473	Central South University	China	QIN Xuanyun	F	Meritorious Winner
1910805	Central South University	China	ZHANG Wei	F	Meritorious Winner

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1911008	Central South University	China	XIAO Li	F	Meritorious Winner
1911014	Central South University	China	XIAO Li	F	Meritorious Winner
1911584	New York University	USA	Fanny Shum	F	Meritorious Winner
1911590	New York University	USA	Fanny Shum	F	Meritorious Winner
1912482	Jinan University	China	Zhang Peiai	F	Meritorious Winner
1912492	Jinan University	China	Daiqiang HU	F	Meritorious Winner
1912650	East China University of Political Science	China	Deqiang Chen	F	Meritorious Winner
1913453	China University of Mining and Technology,	China	Lei Zhang	F	Meritorious Winner
1914612	Beijing Normal University	China	Wang Yingzhe	F	Meritorious Winner
1915393	Southeast University	China	Rui Du	F	Meritorious Winner
1915824	China Jiliang University	China	Xiaoyan Xu	F	Meritorious Winner

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1915842	Southwestern University of Finance and	China	Dai Dai	F	Meritorious Winner
1915871	Southwestern University of Finance and	China	Ding Chuan	F	Meritorious Winner
1916033	Chongqing University	China	Tengzhong Rong	F	Meritorious Winner
1916064	Minzu University of China	China	Xu Shiyong	F	Meritorious Winner
1917210	Zhejiang University	China	Tianhai YAN	F	Meritorious Winner
1917415	Central University of Finance and	China	Fan Xiaoming	F	Meritorious Winner
1917646	Central University of Finance and	China	Xiaoming Fan	F	Meritorious Winner
1917873	Peking University	China	Sixun Tang	F	Meritorious Winner
1919540	NanKai University	China	Shaochen Cai	F	Meritorious Winner
1919947	Shanghai Jiao Tong University	China	Xiangyu Chen	F	Meritorious Winner
1920735	Shanghai Jiao Tong University	China	Yuxiang Liu	F	Meritorious Winner

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1923415	Beijing University of Chemical Technology	China	Guifu Su	F	Meritorious Winner
1923540	Zhongnan University of Economics and Law	China	Ming Zhu	F	Meritorious Winner
1924060	Shandong University	China	Yang Xiaodong	F	Meritorious Winner
1924125	University of Liverpool	United Kingdom	Corina Constantinescu	F	Meritorious Winner
1924177	Central University of Finance and	China	Xiaoming Fan	F	Meritorious Winner
1924544	East China Normal University	China	Yueying Zhao	F	Meritorious Winner
1925012	University of Electronic Science and	China	Hou-biao Li	F	Meritorious Winner
1925628	University of Electronic Science and	China	He Guoliang	F	Meritorious Winner
1926032	The College of Wooster	USA	Drew Pasteur	F	Meritorious Winner
1926124	Carleton College	USA	Katherine St Clair	F	Meritorious Winner
1926221	DIXIE STATE UNIVERSITY	USA	Vinodh Kumar Chellamuthu	F	Meritorious Winner

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1926278	Shanghai University of International	China	Hai Liu	F	Meritorious Winner
1900015	Beijing Academy	China	Haiyan Liang	F	Honorable Mention
1900283	SUN YAT-SEN UNIVERSITY	China	Yanhui Guan	F	Honorable Mention
1900390	University of International Business and	China	Pengxiang Wang	F	Honorable Mention
1900452	University of International Business and	China	Yin Chen	F	Honorable Mention
1900557	Nanjing University	China	Wei Xu	F	Honorable Mention
1900558	University of International Business and	China	WANG Xinyu	F	Honorable Mention
1900578	University of International Business and	China	Cui Maosheng	F	Honorable Mention
1900598	Shandong University of Finance and	China	Dr.Guo,Peng-Cheng	F	Honorable Mention
1900709	Shenyang Jianzhu University	China	Xu Qicheng	F	Honorable Mention
1900843	University of International and Business	China	Luo Zhengqian	F	Honorable Mention

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1900878	University of International Business and	China	Yin Chen	F	Honorable Mention
1900964	Nankai University	China	Ziyu Zhou	F	Honorable Mention
1901011	Central University of Finance and	China	Lin MU	F	Honorable Mention
1901145	Southwestern University Of Finance And	China	Wenjun Xiong	F	Honorable Mention
1901189	Central University of Finance and	China	Lin Mu	F	Honorable Mention
1901375	Harbin Institute of Technology	China	Dongjie Zhu	F	Honorable Mention
1901509	Central University of Finance and	China	Fan Xiao Ming	F	Honorable Mention
1902098	Yangzhou University	China	Jianfei Huang	F	Honorable Mention
1902337	Northeastern University(CN)	China	Qian Jinhua	F	Honorable Mention
1902470	Southwest University of China	China	Jianwei Liao	F	Honorable Mention
1902573	SUN YAT-SEN UNIVERSITY	China	Zhenglu Jiang	F	Honorable Mention

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1902606	Shanghai University of Finance and	China	Ye Yuquan	F	Honorable Mention
1902647	Shandong University of Finance and	China	Hui Liu	F	Honorable Mention
1902695	Capital University of Economics and	China	ADVISOR TEAM	F	Honorable Mention
1902741	Capital University of Economics and	China	ADVISOR TEAM	F	Honorable Mention
1902796	Capital University of Economics and	China	ADVISOR TEAM	F	Honorable Mention
1902867	Nanjing Agricultural University	China	Yangjun Wen	F	Honorable Mention
1903068	Central University of Finance and	China	Mu Lin	F	Honorable Mention
1903672	Dalian University of Technology	China	Qihui Pan	F	Honorable Mention
1903874	Nankai university	China	Nan Xu	F	Honorable Mention
1904288	School of Economics, Renmin University of	China	JIANG Ting	F	Honorable Mention
1904537	Beijing University of Posts and	China	Zhen Yang	F	Honorable Mention

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1904577	Beijing Forestry University	China	Luo Baohua	F	Honorable Mention
1904841	Central University of Finance and	China	Mu Lin	F	Honorable Mention
1904860	China Three Gorges University	China	Shangkun Deng	F	Honorable Mention
1905049	Chengdu University of Technology	China	Jiake Meng	F	Honorable Mention
1905354	Nankai University	China	Tao Li	F	Honorable Mention
1905451	Central University of Finance and	China	Mu Lin	F	Honorable Mention
1905509	China Three Gorges University	China	Bo Yu	F	Honorable Mention
1905668	Guangdong University of Technology	China	Shengbing Xu	F	Honorable Mention
1905857	Northwestern Polytechnical University	China	Feng Gao	F	Honorable Mention
1905936	China Three Gorges University	China	Pan Su	F	Honorable Mention
1906092	Central University of Finance and	China	Fan Xiaoming	F	Honorable Mention

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1906109	Zhuhai College of Jilin University	China	Advisor group	F	Honorable Mention
1906116	Zhuhai College of Jilin University	China	Advisor group	F	Honorable Mention
1907173	Southwestern University of Finance and	China	Shaowen Li	F	Honorable Mention
1907301	Jilin University	China	Li Hongmei	F	Honorable Mention
1907349	Minzu University of China	China	Li Zhaoxiang	F	Honorable Mention
1907370	Jilin University	China	Xu Decai	F	Honorable Mention
1907598	Beijing Jiaotong University	China	Bingtuan Wang	F	Honorable Mention
1907878	Renmin University of China	China	Yuqing Gu	F	Honorable Mention
1908900	East China Normal University	China	Yan Li	F	Honorable Mention
1909090	Yunnan University	China	Anmin Tang	F	Honorable Mention
1910338	Central South University	China	HOU Muzhou	F	Honorable Mention

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1910718	Central South University	China	ZHANG Dianzhong	F	Honorable Mention
1910900	Beijing Normal University	China	□□□	F	Honorable Mention
1911065	Central South University	China	ZHU Shihua	F	Honorable Mention
1911478	China University of Political Science and	China	Shuhuan Liu	F	Honorable Mention
1911526	Shanghai University of Finance and	China	ChunmeiLiu	F	Honorable Mention
1912635	University of South China	China	Team of Guidance Advisors	F	Honorable Mention
1913774	China University of Mining and Technology	China	Hu Shao	F	Honorable Mention
1913870	Nanjing Normal University	China	XingYu Jiang	F	Honorable Mention
1913912	Southwestern University of Finance and	China	Dai Dai	F	Honorable Mention
1914526	China Agricultural University	China	Jianping Yang	F	Honorable Mention
1915098	Northeastern University at Qinhuangdao	China	Yushan Jiang	F	Honorable Mention

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1916231	Hunan University	China	Chuanxiu Ma	F	Honorable Mention
1916262	Jinan University	China	Suohai FAN	F	Honorable Mention
1916297	Southwestern University of Finance and	China	Donghao Zhang	F	Honorable Mention
1916301	Ithaca College	USA	Theodore E. Galanthay	F	Honorable Mention
1917760	Minzu University of China	China	Li Zhaoxiang	F	Honorable Mention
1918081	Jiangxi University of Finance and	China	Li Jie	F	Honorable Mention
1918087	Jiangxi University of Finance and	China	Ding Xiong	F	Honorable Mention
1918630	Shenzhen University	China	Yi Zhao	F	Honorable Mention
1918817	Nankai University	China	Boyu Han	F	Honorable Mention
1919109	Northeast Normal University	China	WangLirong	F	Honorable Mention
1919272	Central University of Finance and	China	Fan Xiaoming	F	Honorable Mention

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1919866	Nankai University	China	Liang Lin	F	Honorable Mention
1919928	Shanghai Jiao Tong University	China	Xiangyu Chen	F	Honorable Mention
1919932	Shanghai Jiao Tong University	China	Xiangyu Chen	F	Honorable Mention
1920264	XIDIAN UNIVERSITY	China	Qingsong Zou	F	Honorable Mention
1920551	Zhejiang University	China	Jieran Wu	F	Honorable Mention
1921253	Nanchang University	China	Dong Qiuxian	F	Honorable Mention
1922430	Anhui University of Finance and Economics	China	Wu Libin	F	Honorable Mention
1922734	Xi'an Jiaotong University	China	HuiLian Jia	F	Honorable Mention
1922759	Xi'an Jiaotong University	China	shibinfu	F	Honorable Mention
1923158	Nanjing University of Finance and	China	Jingsan Yang	F	Honorable Mention
1923269	Minzu University of China	China	Su Yunan	F	Honorable Mention

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1924452	University of Electronic Science and	China	Xiaoping Li	F	Honorable Mention
1924721	University of Electronic Science and	China	Hou-biao Li	F	Honorable Mention
1925338	Nanjing University of Aeronautics and	China	Jie Wen	F	Honorable Mention
1925487	Nankai University	China	Wan Zhihong	F	Honorable Mention
1925590	Capital University of Economics and	China	Xue Li	F	Honorable Mention
1925794	Beijing University of Technology	China	Zhuhao	F	Honorable Mention
1926075	Jiangsu Normal University	China	Wei Zhou	F	Honorable Mention
1926262	Nankai University	China	YANG MO	F	Honorable Mention
1900051	China Three Gorges University	China	Peng Zhang	F	Successful Participant
1900078	Capital University of Economics and	China	Na Pan	F	Successful Participant
1900091	Nanjing Agricultural University	China	Wen Yangjun	F	Successful Participant

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1900179	Southwestern University Of Finance And	China	Sung Yunlong	F	Successful Participant
1900275	University of Melbourne	Australia	Hailong Guo	F	Successful Participant
1900378	University of International Business and	China	Jianhua Liu	F	Successful Participant
1900463	University of International Business and	China	Yin Chen	F	Successful Participant
1900562	Dalian University of Technology	China	Wen Xin	F	Successful Participant
1900627	Tianjin Polytechnic University	China	Zhang Ziheng	F	Successful Participant
1900662	TianJin University of Technology	China	Chunming Xu	F	Successful Participant
1900688	Dalian Maritime University	China	Guoyan Chen	F	Successful Participant
1900706	Shenyang Jianzhu University	China	Li Linlin	F	Successful Participant
1900845	University of International Business and	China	Carrie	F	Successful Participant
1900847	University of International Business and	China	Yang Yuchen	F	Successful Participant

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1900855	SHANDONG UNIVERSITY OF FINANCE AND	China	YANXIA WU	F	Successful Participant
1900927	South-Central Minzu University	China	Shuting An	F	Successful Participant
1901009	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1901048	University of International Business and	China	Yin Chen	F	Successful Participant
1901153	University of International Business and	China	Chen Yan	F	Successful Participant
1901170	University of International Business and	China	GONG ZHOUIA	F	Successful Participant
1901194	Capital Normal University	China	Kezheng Li	F	Successful Participant
1901223	University of International Business and	China	Tong Qiang	F	Successful Participant
1901237	University of International Business and	China	QIN NAN	F	Successful Participant
1901266	University of International Business and	China	HaoSumin	F	Successful Participant
1901273	University of International Business and	China	WangSufang	F	Successful Participant

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1901284	Henan University of Economics and Law	China	Xiaozhen Liu	F	Successful Participant
1901349	University of International Business and	China	Yipin Cheng	F	Successful Participant
1901642	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1901647	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1901844	Shanghai Lixin University of Accountiong	China	Yumei Liang	F	Successful Participant
1901846	Beijing University of Posts and	China	Yumin Zhong	F	Successful Participant
1901861	Wuhan University	China	Yuanming Hu	F	Successful Participant
1901885	University of Southampton	United Kingdom	Kirk Martinez	F	Successful Participant
1902025	Central University of Finance and	China	Dai Wei	F	Successful Participant
1902190	SUN YAT-SEN UNIVERSITY	China	Zhenglu Jiang	F	Successful Participant
1902205	Southwestern university of finance and	China	Tang Shangding	F	Successful Participant

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1902360	Southwestern University of Finance and	China	Wenjun Xiong	F	Successful Participant
1902422	Jilin University of Finance and Economics	China	Xu Liu	F	Successful Participant
1902555	Zhejiang University	China	Zhu Yanjian	F	Successful Participant
1902562	Shandong University , Weihai	China	Xiao Chen	F	Successful Participant
1902685	Beijing Institute of Technology	China	Qingna Li	F	Successful Participant
1902740	Capital University of Economics and	China	ADVISOR TEAM	F	Successful Participant
1902771	Capital University of Economics and	China	ADVISOR TEAM	F	Successful Participant
1902793	Capital University of Economics and	China	ADVISOR TEAM	F	Successful Participant
1902850	Shenzhen University	China	Langhui Wan	F	Successful Participant
1902863	Capital University of Economics and	China	Li Meng	F	Successful Participant
1902910	Renmin University of China	China	SIYI SUN	F	Successful Participant

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1902933	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1902956	Tianjin University of Technology	China	Chunming Xu	F	Successful Participant
1902993	Beijing Institute of Technology	China	Li Xuewen	F	Successful Participant
1903077	Zhejiang University	China	Dekuang Su	F	Successful Participant
1903080	Nankai University	China	HanZhang	F	Successful Participant
1903174	Sichuan Normal University	China	Wangyong Lv	F	Successful Participant
1903366	Soochow University	China	Xu Jiarui	F	Successful Participant
1903574	Jiangsu University of Science and	China	Guosheng Tang	F	Successful Participant
1903602	Shanghai University of Traditional Chinese	China	Fan Hu	F	Successful Participant
1903635	Shenzhen University	China	Cao lihua	F	Successful Participant
1903641	Beijing University of Posts and	China	Zuguo He	F	Successful Participant

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1903678	Harbin Institute of Technology (Weihai)	China	Wenxue Li	F	Successful Participant
1903845	Northwest A&F University	China	ZHOU JIANJUN	F	Successful Participant
1903989	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1903994	Central University of Finance and	China	Fan Xiao Ming	F	Successful Participant
1904185	Shenyang Jianzhu University	China	Sun Jianping	F	Successful Participant
1904222	Shenyang Jianzhu University	China	Gu Yanli	F	Successful Participant
1904240	Shenyang Jianzhu University	China	Sun Yanling	F	Successful Participant
1904267	Shenyang Jianzhu University	China	Sun Changchun	F	Successful Participant
1904358	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1904415	huazhong university of science and	China	xianpingxia	F	Successful Participant
1904508	Shenzhen University	China	Chen Jing	F	Successful Participant

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1904540	Dalian University of Technology	China	Fengqi Li	F	Successful Participant
1904634	Dalian University of Technology	China	Qihui Pan	F	Successful Participant
1904728	Changchun University Of Science And	China	Zhidan Cai	F	Successful Participant
1904765	Dalian University of Technology	China	Qihui Pan	F	Successful Participant
1904950	Beijing University of Posts and	China	Shao Yingxia	F	Successful Participant
1905002	China Three Gorges University	China	Taigui Qin	F	Successful Participant
1905012	Tianjin Polytechnic University	China	Liu Hongwu	F	Successful Participant
1905053	Hunan Institute Of Science And Technology	China	Wangbin Cheng	F	Successful Participant
1905131	Xiamen University	China	Teachers Group	F	Successful Participant
1905208	Beijing University of Posts and	China	Wenbo Zhang	F	Successful Participant
1905225	South China University of Technology	China	Yongan Qin	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1905345	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1905374	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1905421	Southwest University	China	Bin Liang	F	Successful Participant
1905838	Dongbei University of Finance and	China	Xinyu Wang	F	Successful Participant
1905851	Renmin University of China	China	LiTaoHan	F	Successful Participant
1905888	Wuhan University	China	Hao Huang	F	Successful Participant
1906002	Shanxi University of Finance and	China	Chongshan Gao	F	Successful Participant
1906011	Tianjin university	China	Guanying Wang	F	Successful Participant
1906098	Zhejiang University	China	Yonghao Zhai	F	Successful Participant
1906115	Zhuhai College of Jilin University	China	Advisor group	F	Successful Participant
1906239	Xidian University	China	Shengli Zhang	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1906298	Harbin Engineering University	China	□□□	F	Successful Participant
1906348	Harbin Engineering University	China	Yuesheng Luo	F	Successful Participant
1906414	Harbin Engineering University	China	□□□	F	Successful Participant
1906575	Shenzhen University	China	Zhidan Liu	F	Successful Participant
1906611	College of Science	China	hongtao fan	F	Successful Participant
1906698	Qingdao University of Science and	China	Zhengduo Shan	F	Successful Participant
1906706	Beijing university of Posts and	China	Bocheng Han	F	Successful Participant
1906715	Shanghai University	China	Yang Jian Sheng	F	Successful Participant
1906725	Shanxi University of Finance and	China	Jian Wu	F	Successful Participant
1907022	Guangdong University of Technology	China	Yinghua Jin	F	Successful Participant
1907199	Dalian University of Technology	China	Qiuhui Pan	F	Successful Participant

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1907397	Huazhong Agricultural University	China	WANG BANGJU	F	Successful Participant
1907408	Jilin University	China	Xu Mingxu	F	Successful Participant
1907552	Beijing Jiaotong University	China	Bingtuan Wang	F	Successful Participant
1907594	Beijing Jiaotong University	China	Bingtuan Wang	F	Successful Participant
1907749	Dalian University of Technology	China	Qihui Pan	F	Successful Participant
1907762	Dalian University of Technology	China	Qihui Pan	F	Successful Participant
1907930	SUN YAT-SEN UNIVERSITY	China	Zhenglu Jiang	F	Successful Participant
1908038	Dalian University of Technology	China	Qihui Pan	F	Successful Participant
1908232	Qufu Normal University	China	Xinchun Cui	F	Successful Participant
1908283	Guangxi University of Finance and	China	Liangshuo Ning	F	Successful Participant
1908380	Hainan University	China	Ju Liu	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1908385	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant
1908389	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant
1908428	Peking University	China	Zijing Dong	F	Successful Participant
1908477	Beijing Jiaotong University	China	Bingtuan Wang	F	Successful Participant
1908497	Beijing Jiaotong University	China	Bingtuan Wang	F	Successful Participant
1908507	Central South University	China	Deng Songhai	F	Successful Participant
1908595	Shanghai Jiao Tong University	China	Shang Jianhui	F	Successful Participant
1908730	Jilin University of Finance and Economics	China	Wang Yu	F	Successful Participant
1908776	East China University of Technology	China	Yan Wei	F	Successful Participant
1908788	Southwestern University of Finance and	China	Yunlong Sun	F	Successful Participant
1908832	Jilin University	China	Zhang Ling	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1908852	Jilin University	China	He Jialong	F	Successful Participant
1908945	Sichuan Agricultural University	China	Cheng Liu	F	Successful Participant
1909146	Beijing University of Technology	China	Min HAN	F	Successful Participant
1909206	Chengdu University of Technology	China	BicaiXu	F	Successful Participant
1909515	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1909545	SUN YAT-SEN UNIVERSITY	China	Yanhui Guan	F	Successful Participant
1909601	Capital University of Economics and	China	Xin Xu	F	Successful Participant
1909612	Peking University	China	Linfa Ye	F	Successful Participant
1909615	Capital University of Economics and	China	Xin Xu	F	Successful Participant
1909771	Hebei University of Economics and	China	Qi Wang	F	Successful Participant
1909795	Sichuan University	China	Zhang Shiquan	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1909842	Jilin University	China	Zhang Shizhong	F	Successful Participant
1909895	Jilin University	China	Hua Qiuling	F	Successful Participant
1909920	Jilin University	China	Chen Chuanhai	F	Successful Participant
1909929	University of Shanghai for Science and	China	Wendong Wei	F	Successful Participant
1909951	Chongqing University of Science and	China	Chen Xuewen	F	Successful Participant
1910076	Southwest University	China	Tianran Zhang	F	Successful Participant
1910116	Shandong Agricultural University	China	Binbin Shi	F	Successful Participant
1910171	Beijing Institute of Technology	China	Houbao XU	F	Successful Participant
1910206	Central South University	China	LIU Xinru	F	Successful Participant
1910207	□□□□□□	China	□□□	F	Successful Participant
1910378	Northeast Petroleum University	China	Jinzi Liu	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1910574	Central South University	China	TANG Meilan	F	Successful Participant
1910602	Wuhan University of Science and	China	Wenbo Wang,Yuqiang Feng	F	Successful Participant
1910677	Central South University	China	YING Jinyong	F	Successful Participant
1910703	Central South University	China	ZHANG Dianzhong	F	Successful Participant
1910775	Central South University	China	CHEN Ming	F	Successful Participant
1910821	University of Texas at San Antonio	USA	Yufang Jin	F	Successful Participant
1910901	Jilin University	China	Sun Huichao	F	Successful Participant
1910944	Southwest University	China	Xianping Yu	F	Successful Participant
1911001	Central South University	China	LV Jun	F	Successful Participant
1911075	Southwest University	China	Ying Lv	F	Successful Participant
1911083	Shanghai University of International	China	SHUYI ZHANG	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1911131	Shanghai University of International	China	Shu Liu	F	Successful Participant
1911145	Shandong Normal University	China	Zhongmei Wang	F	Successful Participant
1911156	Beijing Normal University	China	Yingzhe Wang	F	Successful Participant
1911178	Beijing Jiaotong University	China	Shichang Song	F	Successful Participant
1911236	Southwestern University Of Finance And	China	Yunlong Sun	F	Successful Participant
1911249	Glorious Sun School of Business and	China	Ding Wei	F	Successful Participant
1911272	Beijing Jiaotong University	China	Shichang Song	F	Successful Participant
1911286	Shanghai University of International	China	Hai Liu	F	Successful Participant
1911294	Shanghai University of International	China	Yonghui Liu	F	Successful Participant
1911326	Dongbei University of Finance and	China	Dongxu Wang	F	Successful Participant
1911414	Shanghai University of International	China	Yonghui Liu	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1911456	Beijing Technology and Business University	China	Xingding Chen	F	Successful Participant
1911669	China Three Gorges University	China	Taigui Qin	F	Successful Participant
1911692	Beijing Normal University	China	Cui Li	F	Successful Participant
1911709	Shandong University of Finance and	China	Tonglin Wang	F	Successful Participant
1911724	Sichuan Agricultural University	China	Kun Song	F	Successful Participant
1911753	Jimei University	China	Yifen Lai	F	Successful Participant
1911782	NCEPU	China	ChenyuJin	F	Successful Participant
1911867	Shandong University of Science and	China	Peng Yanjun	F	Successful Participant
1912075	Donghua University	China	LeiCHEN	F	Successful Participant
1912081	Shandong University	China	Junfeng LUAN	F	Successful Participant
1912333	Henan Polytechnic University	China	Deng Jien	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1912409	Shanxi University	China	Chengbo Zhai	F	Successful Participant
1912494	Jinan University	China	Daiqiang HU	F	Successful Participant
1912525	Jinan University	China	ZHANG CHUANLIN	F	Successful Participant
1912527	Shanghai University of Finance and	China	LIHUA ZHANG	F	Successful Participant
1912603	East China University of Political Science	China	Deqiang Chen	F	Successful Participant
1912795	Tianjin University	China	Liangfu Lv	F	Successful Participant
1912805	Henan Polytechnic University	China	Liu Zhongqiang	F	Successful Participant
1912810	Henan Polytechnic University	China	Liu Zhongqiang	F	Successful Participant
1912883	Tongji University	China	Lin Wang	F	Successful Participant
1912907	Beijing Technology and Business University	China	Yang Li	F	Successful Participant
1912924	China University of Political Science and	China	Shuhuan Liu	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1913036	Wuhan University	China	Qian Cheng	F	Successful Participant
1913057	Chengyi University College, Jimei	China	Wei Zhao	F	Successful Participant
1913086	Wuhan University	China	Xinqi Hu	F	Successful Participant
1913112	Beijing Normal University	China	Wangshenling	F	Successful Participant
1913182	Soochow University	China	Xin Wang	F	Successful Participant
1913245	Chengdu University of Technology	China	Lei Zheng	F	Successful Participant
1913257	Shandong University of Science and	China	Yongquan Liang	F	Successful Participant
1913292	Nantong University	China	Qin-Qin Shen	F	Successful Participant
1913333	South China Normal University	China	Yikun Liu	F	Successful Participant
1913424	Shanghai University of International	China	Hai Liu	F	Successful Participant
1913454	Xi'an International Studies University	China	Jing Tian	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1913520	Chongqing University of Science and	China	Jing Fu	F	Successful Participant
1913546	China Agricultural University	China	Xuhua Liu	F	Successful Participant
1913614	Xi'an International Studies University	China	Jing Tian	F	Successful Participant
1913669	Shihezi university	China	Huimin Jiang	F	Successful Participant
1913764	Chongqing University of Science and	China	Jie Tan	F	Successful Participant
1913770	Chongqing University of Science and	China	Jie Tan	F	Successful Participant
1913814	Beijing Normal University	China	Dan Yang	F	Successful Participant
1913855	Chongqing Technology and Business	China	Yian Chen	F	Successful Participant
1914068	Harbin Institute of Technology, Shenzhen	China	Fangying Lin	F	Successful Participant
1914140	Shandong Normal University	China	Dong Xianlei	F	Successful Participant
1914301	China University of Political Science and	China	YING XIAO	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1914350	Shanghai Normal University	China	Lu Qiu	F	Successful Participant
1914366	China University of Political Science and	China	Shuhuan Liu	F	Successful Participant
1914447	Beijing Normal University	China	HAIYANG HUANG	F	Successful Participant
1914506	China Agricultural University	China	Xuhua Liu	F	Successful Participant
1914507	Beijing Jiaotong University	China	Hangjian Ying	F	Successful Participant
1914594	Renmin University of China	China	Jin Xinying	F	Successful Participant
1914595	South China University of Technology	China	Ping Huang	F	Successful Participant
1914643	Southwestern University of Finance and	China	Ying Tung Chan	F	Successful Participant
1914676	Xi'an Jiaotong-Liverpool University	China	Jionglong Su	F	Successful Participant
1914727	Binzhou University	China	Heli Gao	F	Successful Participant
1914770	Zhongnan University of Economics and Law	China	JingSong Chen	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1914803	Central University of Finance and	China	Mu Lin	F	Successful Participant
1914809	Southwestern University of Finance and	China	Qihua Xv	F	Successful Participant
1914830	Southwestern University of Finance and	China	Dai Dai	F	Successful Participant
1914879	Southwestern University of Finance and	China	Dai Dai	F	Successful Participant
1914978	Shanghai Normal University	China	Yi Fu	F	Successful Participant
1914994	donghua university	China	wangman	F	Successful Participant
1915043	Shanghai University of International	China	Ziming Huang	F	Successful Participant
1915056	Hebei University of Technology	China	Xiaojun Zhang	F	Successful Participant
1915061	Southwestern University of Finance and	China	Dai Dai	F	Successful Participant
1915091	Guangdong University of Foreign Studies	China	Bo Cheng	F	Successful Participant
1915113	Henan University of Economics and Law	China	Ren Jincheng	F	Successful Participant

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1915132	Shandong University of Finance and	China	Pengcheng Guo	F	Successful Participant
1915140	Shanghai International Studies University	China	Chen Jing	F	Successful Participant
1915165	The Engineering&technical College of	China	Feng Xiangdong	F	Successful Participant
1915168	The Engineering&technical College of	China	Zhang Yuqin	F	Successful Participant
1915305	Northeast Forestry University	China	Hongxia Sun	F	Successful Participant
1915366	Nankai University	China	Guangshun Shi	F	Successful Participant
1915482	Central University of Finance and	China	Yin Zhendong	F	Successful Participant
1915507	Shandong University of Science and	China	Chen Guilei	F	Successful Participant
1915533	Southwestern University of Finance and	China	Yunlong Sun	F	Successful Participant
1915570	Southwestern University of Finance and	China	SHAOWEN LI	F	Successful Participant
1915593	Huazhong University of Science and	China	Zhuangzhi Fang	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1915597	Southwestern University of Finance and	China	Shulin Zhang	F	Successful Participant
1915686	Tongji University	China	Guan Xiaofei	F	Successful Participant
1915715	Southwestern University of Finance and	China	Dai Dai	F	Successful Participant
1915759	China Jiliang University	China	Chengye Zhao	F	Successful Participant
1915889	China Agricultural University	China	Yuanchang Shi	F	Successful Participant
1916045	Ludong University	China	Guangchen Liu	F	Successful Participant
1916055	Ludong University	China	Guangchen Liu	F	Successful Participant
1916058	Ludong University	China	Guangchen Liu	F	Successful Participant
1916093	Jilin University of Finance and Economics	China	Limei Liu	F	Successful Participant
1916121	Chongqing University	China	Chaolin Liu	F	Successful Participant
1916185	Beihang University	China	Binghui Guo	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1916226	Ludong University	China	Guangchen Liu	F	Successful Participant
1916257	Jinan University	China	Suohai FAN	F	Successful Participant
1916334	Catawba College	USA	Katherine Baker	F	Successful Participant
1916394	Central University of Finance and	China	Zhu Junyi	F	Successful Participant
1916558	Northeastern University at Qinhuangdao	China	Yanjie Liu	F	Successful Participant
1916645	Guangxi University	China	Liang Chen	F	Successful Participant
1916680	Southwestern University of Finance and	China	Qingbang Zhang	F	Successful Participant
1916714	National University of Defense Technology	China	Dan Wang	F	Successful Participant
1916717	Northwest A&F University	China	Zhu Zhiyong	F	Successful Participant
1916764	Hunan University	China	Han Luo	F	Successful Participant
1916787	Changsha Uuniversity of Science and	China	Hua Wang	F	Successful Participant

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1916876	SUN YAT-SEN UNIVERSITY	China	Jiajun Zhang	F	Successful Participant
1916895	Henan university of technology	China	Li Chaoyang	F	Successful Participant
1916903	Northwest University	China	Haifeng Chu	F	Successful Participant
1916992	Hubei University	China	Yang Hong	F	Successful Participant
1917042	National University of Defense Technology	China	Dan Wang	F	Successful Participant
1917257	Hangzhou Dianzi University	China	Hongjin He	F	Successful Participant
1917423	MINZU UNIVERSITY OF CHINA	China	Shiying Xu	F	Successful Participant
1917424	Jinan University	China	Dongqin Cheng	F	Successful Participant
1917633	Jinan University	China	Dongqin Cheng	F	Successful Participant
1917658	SHU	China	Liu Qiaohua	F	Successful Participant
1917705	NanKai University	China	xumeng	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1917763	Hunan University	China	Han Luo	F	Successful Participant
1917782	Minzu University of China	China	Wei Chuanhua	F	Successful Participant
1917795	University Of Electronic Science And	China	Shixu Liu	F	Successful Participant
1917813	Northwest University	China	Qianghua Wang	F	Successful Participant
1917895	William & Mary	USA	Anke van Zuylen	F	Successful Participant
1917954	China University of Mining and Technology	China	Xianli Lv and Jinmei Bao	F	Successful Participant
1917965	Nanjing University, China	China	Weihua Huang	F	Successful Participant
1918066	Beijing University of Posts and	China	Zhao Wei	F	Successful Participant
1918080	Sichuan University	China	YingYi Tan	F	Successful Participant
1918090	Jiangxi University of Finance and	China	Luo Chunlin	F	Successful Participant
1918246	Sichuan university	China	Hao Wang	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1918279	Nantong University	China	Jing Chen	F	Successful Participant
1918284	Renmin University of China	China	Li Deying	F	Successful Participant
1918313	Renmin University of China	China	Lunyu Xie	F	Successful Participant
1918321	Qingdao University	China	Leiyin Feng	F	Successful Participant
1918415	Chongqing University of Science and	China	Hengjie Chen	F	Successful Participant
1918433	Chongqing University of Science and	China	Hengjie Chen	F	Successful Participant
1918476	Beijing University of Technology	China	Zhu Hao	F	Successful Participant
1918512	Fujian Normal University	China	Chen qinghua	F	Successful Participant
1918665	Nankai University	China	Chenkai Guo	F	Successful Participant
1918669	Taishan University	China	Lei Jing	F	Successful Participant
1918678	Shanghai University of International	China	Yijing Liu	F	Successful Participant

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1918696	Shenzhen University	China	Gongnong Li	F	Successful Participant
1918709	Ludong University	China	Wei Liu	F	Successful Participant
1918745	Ludong University	China	Wei Liu	F	Successful Participant
1918770	Ludong University	China	Wei Liu	F	Successful Participant
1918791	Dalian Minzu University	China	Yuhai Yu	F	Successful Participant
1918808	Jinan University	China	Dongqin Cheng	F	Successful Participant
1918812	Tianjin University of Finance and	China	Ji Youhu	F	Successful Participant
1918914	Yangzhou University	China	Weijun Lin	F	Successful Participant
1918970	North China Electric Power University	China	Dexiang Ma	F	Successful Participant
1919000	Minzu University of China	China	Shiyong Xu	F	Successful Participant
1919001	Shanghai Normal University	China	Min Zhu	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1919047	Nankai University	China	XIAOWEI CHEN	F	Successful Participant
1919161	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1919211	Harbin University of Commerce	China	Jingxin Zhang	F	Successful Participant
1919241	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1919246	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1919299	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1919464	Taiyuan University of Technology	China	Gaofeng Sun	F	Successful Participant
1919522	Harbin University of Commerce	China	Yudong Wu	F	Successful Participant
1919543	Central University of Financial and	China	Yunfan Yang	F	Successful Participant
1919557	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1919592	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1919652	Xiamen University	China	Fang Yuchen	F	Successful Participant
1919768	Zhongnan University of Economics and Law	China	Lei WU	F	Successful Participant
1919773	Central University of Finance and	China	Mu Lin	F	Successful Participant
1919802	Central University of Finance and	China	Xiaoming Fan	F	Successful Participant
1919846	Nanjing University of Posts and	China	Hongniu Zhao	F	Successful Participant
1919950	Shanghai Jiao Tong University	China	Xiangyu Chen	F	Successful Participant
1920072	XIDIAN UNIVERSITY	China	Jimin Ye	F	Successful Participant
1920116	Minzu University of China	China	Xu Shiyong	F	Successful Participant
1920128	Minzu University of China	China	Li Zhaoxiang	F	Successful Participant
1920358	Sichuan Agricultural University	China	Ping Yang	F	Successful Participant
1920386	Sichuan University	China	Shiquan Zhang	F	Successful Participant

## 2019 ICM Problem F Contest Results

Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1920510	Shihezi University	China	Shuqin Wu	F	Successful Participant
1920588	ShanghaiTech University	China	Xinliang Wu	F	Successful Participant
1920590	Wuhan University of Technology	China	Jinchun Kou	F	Successful Participant
1920616	Renmin University of China	China	Litao Han	F	Successful Participant
1920773	Capital University of Economics and	China	Xin Xu	F	Successful Participant
1920796	Shanghai Jiao Tong University	China	Shang Jianhui	F	Successful Participant
1920801	Shanghai Jiao Tong University	China	Shang Jianhui	F	Successful Participant
1920872	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant
1920889	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant
1920923	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant
1920935	Beijing Normal University, Zhuhai	China	Liu Weifang	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1920996	Harbin University of Commerce	China	Zhidan Xu	F	Successful Participant
1921039	SUN YAT-SEN UNIVERSITY	China	Yanhui Guan	F	Successful Participant
1921151	East China Jiaotong University	China	Weihua Gan	F	Successful Participant
1921168	Southwest University of Political Science	China	Peng Xuanhua	F	Successful Participant
1921210	Wuyi University	China	Peng WANG	F	Successful Participant
1921238	Minzu University of China	China	Su Yunan	F	Successful Participant
1921244	Jiangxi Normal University	China	Yi Guisheng	F	Successful Participant
1921252	Minzu University of China	China	Li Zhaoxiang	F	Successful Participant
1921297	Northwestern Polytechnical University	China	Zhao Xinbo	F	Successful Participant
1921334	Shanghai University of Finance and	China	Rui Tingxian	F	Successful Participant
1921400	Macau University of Science and	China	Huimin Li	F	Successful Participant

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1921412	Beijing Language and Culture University	China	Hainan Yu	F	Successful Participant
1921438	Nantong University	China	Yu-Ming Wang	F	Successful Participant
1921525	Tianjin Polytechnic University	China	Shuxia Ren	F	Successful Participant
1921565	Shanghai University of Finance and	China	Guangping Zhang	F	Successful Participant
1921585	Chongqing Jiaotong University	China	Xiaofeng Chen	F	Successful Participant
1921654	Nanchang University	China	Huang Xianjiu	F	Successful Participant
1921739	Tongda College of Nanjing University of	China	Shengxue Fan Xiangrong	F	Successful Participant
1921966	Xi'an Jiaotong University	China	leichen	F	Successful Participant
1921990	Shanghai University	China	Hongbo Li	F	Successful Participant
1922017	Northwestern Polytechnical University	China	Genjiu Xv	F	Successful Participant
1922020	China Foreign Affairs University	China	Shengyu Cao	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1922063	University of International Business and	China	Siming Liu	F	Successful Participant
1922171	Renmin University of China	China	LI JINKE	F	Successful Participant
1922189	Capital University of Economics and	China	Jiang Chen	F	Successful Participant
1922275	Wuhan Textile University	China	Shi xian jun	F	Successful Participant
1922370	Wuhan Textile University	China	Shi xian jun	F	Successful Participant
1922471	Anhui University of Finance and Economics	China	Zhang Shengmei	F	Successful Participant
1922588	Xi'an Jiaotong University	China	Leilei Chu	F	Successful Participant
1922664	Xi'an Jiaotong University	China	Chen Qiao	F	Successful Participant
1922688	Xi'an Jiaotong University	China	Jian Zu	F	Successful Participant
1922702	Anhui University of Finance and Economics	China	Chang Xiao	F	Successful Participant
1922864	Beijing University of Posts and	China	Yuanhui Fu	F	Successful Participant

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1922970	Capital University of Economics and	China	Yongxiao DU	F	Successful Participant
1923099	Fuzhou University	China	Fei Chen	F	Successful Participant
1923121	WUYI Uiversity	China	Liang Chen	F	Successful Participant
1923146	Capital University of Economics and	China	Jiang Chen	F	Successful Participant
1923288	Harbin University of Commerce	China	Huili Tan	F	Successful Participant
1923322	Jilin University	China	Shaoyun Shi	F	Successful Participant
1923363	Zhongnan University of Economics and Law	China	Lei Wu	F	Successful Participant
1923393	China University of Mining and Technology	China	Ruirui Wang	F	Successful Participant
1923407	Central University of Finance and	China	Mu Lin	F	Successful Participant
1923455	Beijing University of Chemical Technology	China	Kaisu Wu	F	Successful Participant
1923475	Zhejiang University City College	China	Xusheng Kang	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1923587	Northeast Electric Power University	China	Dongwei Li	F	Successful Participant
1923590	Wuyi University	China	jinxiang Chen	F	Successful Participant
1923864	Southwest Minzu University	China	LIU XIAOGUANG	F	Successful Participant
1924063	Southwest University	China	Xianghua Li	F	Successful Participant
1924077	Central University of Finance and	China	Lin Mu	F	Successful Participant
1924097	Anhui University	China	Ming Fang	F	Successful Participant
1924126	Xiamen University	China	Ruiyan Li	F	Successful Participant
1924181	Tsinghua University	China	Zhenbo Wang	F	Successful Participant
1924218	Henan Normal University	China	Hongbin Yu	F	Successful Participant
1924234	Changchun Normal University	China	Dongping Li	F	Successful Participant
1924249	Central University of Finance and	China	Mu Lin	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1924371	Changchun Normal University	China	Zhixin Zhao	F	Successful Participant
1924511	Shanghai Jiao Tong University	China	Shang Jianhui	F	Successful Participant
1924603	Shandong University of Political Science	China	BAIXUERU	F	Successful Participant
1924630	GuangZhou College of South China	China	Ting Huang	F	Successful Participant
1924665	The Army Infantry Academy of PLA	China	LiZhang Liu	F	Successful Participant
1924682	Shanghai University	China	Donghua Wu	F	Successful Participant
1924694	Central University of Finance and	China	zhanghangyu	F	Successful Participant
1924970	Zhejiang Gongshang University	China	Zhao Heng	F	Successful Participant
1924988	Shaoguan University	China	Wenkang Zhu, Guan Duan	F	Successful Participant
1925010	Harbin University of Science and	China	Li Dongmei	F	Successful Participant
1925031	Capital University of Economics and	China	XueMei Jiang	F	Successful Participant

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1925164	Harbin University of Science and	China	Cao Zuobao	F	Successful Participant
1925330	Jinshan College Of Fujian Agriculture And	China	Yongfen Liu	F	Successful Participant
1925365	Central University of Finance and	China	LinMu	F	Successful Participant
1925501	Hubei University of Technology	China	Songlin XU	F	Successful Participant
1925554	Wuyi University	China	Jinxiong Chen	F	Successful Participant
1925559	Zhongnan University of Economics and Law	China	Jiayi Wang	F	Successful Participant
1925561	Renming University of China	China	Yilin Wu	F	Successful Participant
1925670	Northeast Agricultural University	China	Jun Meng	F	Successful Participant
1925766	Chongqing Normal University	China	Xuewen Liu	F	Successful Participant
1925789	China University of Petroleum,Beijing	China	Biao Wang	F	Successful Participant
1925797	Beijing Normal University	China	Zhao RunPing	F	Successful Participant

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1925837	NanJing Agricultural University	China	Xie Ruiqi	F	Successful Participant
1925896	South China Normal University	China	Ningyu Yin	F	Successful Participant
1926018	Nanjing Audit University	China	Yuguo Zheng	F	Successful Participant
1926202	SUN YAT-SEN UNIVERSITY	China	Yanhui Guan	F	Successful Participant
1926209	East China University of Political Science	China	Deqiang Chen	F	Successful Participant
1926232	University of Alberta	Canada	Martin Jagersand	F	Successful Participant
1926266	Central University of Finance and	China	Lingyu Jiang	F	Successful Participant
1926270	Jiangsu Normal University	China	Zhigang Jia	F	Successful Participant
1926320	Guangdong University of Finance	China	Xuegang Zhou	F	Successful Participant
1926431	ShanghaiTech University	China	Ziyu Shao	F	Successful Participant
1926456	Taiyuan University of Technology	China	LIHUI	F	Successful Participant

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1926528	Sichuan University	China	Shiquan Zhang	F	Successful Participant
1926550	Beijing University of Posts and	China	Liu Jiaqi	F	Successful Participant
1926551	SiChuan Agriculture University	China	Lianzu Jiao	F	Successful Participant
1926570	Tianjin University of Finance and	China	Lizhou Feng	F	Successful Participant
1926587	Central University of Finance and	China	Fan Xiaoming	F	Successful Participant
1926603	Ocean University of China	China	Piwei Chen	F	Successful Participant
1926645	south china normal university	China	Change	F	Successful Participant
1926655	Beihang University	China	Binghui Guo	F	Successful Participant
1926656	Nankai University	China	Jin ZHANG	F	Successful Participant
1926677	Shanghai University of International	China	Yichen Xu	F	Successful Participant
1926704	Zhejiang University	China	Heyu Wang	F	Successful Participant

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1926713	Zhejiang University	China	Zhijian Wang	F	Successful Participant
1926737	South China Agricultural University	China	Gao Meixun	F	Successful Participant
1926754	Montana State University	USA	Christina Hayes	F	Successful Participant
1900084	Tianjin University of Commerce	China	Tian Li	F	Unsuccessful - W
1900086	Shandong University of Finance and	China	Qingfeng Zhu	F	Unsuccessful - W
1900264	Huazhong University of Science and	China	Fei Peng	F	Unsuccessful - W
1900757	Institute of Disaster Prevention	China	Shanshan He	F	Unsuccessful - W
1900822	Institute of Disaster Prevention	China	Zhenxiang Huo	F	Unsuccessful - I
1901323	Dalian University of Technology	China	Qihui Pan	F	Unsuccessful - W
1901440	Nanjing University	China	Weihua Huang	F	Unsuccessful - W
1901663	Huazhong University of Science and	China	Zichun Weng	F	Unsuccessful - W

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1902017	Northeastern University(CN)	China	Hailong Shen	F	Unsuccessful - W
1902420	SUN YAT-SEN UNIVERSITY	China	Chuan-Xian Ren	F	Unsuccessful - W
1903131	Shenzhen University	China	Cao lihua	F	Unsuccessful - W
1903336	Yanbian University	China	Chenwei Wang	F	Unsuccessful - W
1903405	Southwestern University of Finance and	China	Sun Yunlong	F	Unsuccessful - W
1904176	Sichuan Agricultural University	China	Yue Wang	F	Unsuccessful - W
1904981	Shanghai University Of Political Science	China	Huaiyu He	F	Unsuccessful - W
1905363	Guangdong University of Technology	China	Chaoyong Jin	F	Unsuccessful - I
1906003	Qingdao University	China	Huabo Liu	F	Unsuccessful - W
1906237	Jilin University of Finance and Economics	China	Limei Liu	F	Unsuccessful - W
1907753	Dalian University of Technology	China	Qiuhui Pan	F	Unsuccessful - I

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1908111	Tianjin Agricultural University	China	Zhimin Mu	F	Unsuccessful - W
1908861	Zhejiang University Ningbo Institute of	China	LiHui Tu	F	Unsuccessful - W
1908989	Northwest A&F University	China	Xie Xiaoli	F	Unsuccessful - W
1909128	Dongbei University of Finance and	China	Xinyu Wang	F	Unsuccessful - W
1909192	Jilin university of finance and economics	China	Liu Miao	F	Unsuccessful - W
1909732	Chongqing University of Science and	China	Chunyan Li	F	Unsuccessful - W
1909906	Chongqing University of Science and	China	Pujun Long	F	Unsuccessful - W
1910745	Southwestern University Of Finance And	China	Dai Dai	F	Unsuccessful - W
1911266	Harbin Institute of Technology	China	Boying Wu	F	Unsuccessful - W
1912048	Nanchang Hangkong University	China	Dong Bingxian	F	Unsuccessful - W
1912159	Southwestern University of Finance and	China	Dai Dai	F	Unsuccessful - W

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Ctrl #	Institution	Country/Region	Advisor	Problem	Designation
1912767	Yanshan University	China	Wen Liu	F	Unsuccessful - W
1912892	Chengdu university of information	China	Zezhong Wu	F	Unsuccessful - W
1913463	Shanghai Normal University	China	Wan-Yuan Xu	F	Unsuccessful - W
1913499	Central University of Finance and	China	Xiaoming Fan	F	Unsuccessful - W
1913518	DongHua University	China	ZiMeng Zhu	F	Unsuccessful - W
1914027	shenzhen Polytechnic	China	zhiyong liu	F	Unsuccessful - W
1914205	Central University of Finance and	China	Mu Lin	F	Unsuccessful - W
1914527	Chengdu University of Information	China	Yuqian Zhou	F	Unsuccessful - W
1914966	Southwestern University of Finance and	China	Qingbang Zhang	F	Unsuccessful - W
1915175	Qinghai University	China	Yanzhong Zhao	F	Unsuccessful - W
1915630	Minzu University of China	China	Chuanhua Wei	F	Unsuccessful - W

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1915955	Wuhan University of Science and	China	Qiang Zhang	F	Unsuccessful - W
1916248	Sichuan University	China	Lili Du	F	Unsuccessful - W
1916603	Qinghai University	China	Yanzhong Zhao	F	Unsuccessful - W
1917841	Central University of Finance and	China	Fan Xiaoming	F	Unsuccessful - W
1917867	Fujian Normal University	China	Ye Jianxiong	F	Unsuccessful - W
1917878	Tianjin University	China	Dehua Shen	F	Unsuccessful - W
1918002	Hebei Finance University	China	Xiaoxia Liu	F	Unsuccessful - W
1918664	Shanghai University of International	China	Kun Yu	F	Unsuccessful - W
1919142	Nanjing Agricultural University	China	Pan Hui	F	Unsuccessful - W
1919369	Shanghai University of International	China	Shuyi ZHANG	F	Unsuccessful - W
1919590	Beijing University of Posts and	China	Guosheng Xu	F	Unsuccessful - W

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<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1920197	Hangzhou Dianzi University	China	Yuanfang Chen	F	Unsuccessful - W
1920235	Fuzhou University	China	Ran Lin	F	Unsuccessful - W
1920656	South China University of Technology	China	Xiaojian Yu	F	Unsuccessful - W
1921332	Century College of Beijing University of	China	ZhangXiaoxi	F	Unsuccessful - W
1921370	Shandong University of Finance and	China	Yanxia Wu	F	Unsuccessful - W
1922675	Central University of Finance and	China	Fan Xiaoming	F	Unsuccessful - W
1922767	Nanjing University	China	Jiaqi Shi	F	Unsuccessful - W
1922931	Henan Normal University	China	Mu Xiaoxia	F	Unsuccessful - W
1923004	Nankai University	China	Kai Wang	F	Unsuccessful - W
1923480	Capital University of Economics and	China	Jiang Chen	F	Unsuccessful - W
1923600	Zhongnan University of Economics and Law	China	Ya'nan Liu	F	Unsuccessful - W

**2019 ICM Problem F Contest Results**

<b>Ctrl #</b>	<b>Institution</b>	<b>Country/Region</b>	<b>Advisor</b>	<b>Problem</b>	<b>Designation</b>
1923861	Qingdao University of Technology	China	Gong Minghao	F	Unsuccessful - W
1924026	Northwestern Polytechnical University	China	Bin Guo	F	Unsuccessful - W
1924153	Huazhong University of Science and	China	Andong WANG	F	Unsuccessful - W
1925685	Sichuan Agricultural University	China	LianzuJiao	F	Unsuccessful - W
1926140	Jacksonville University	USA	Erika Ward	F	Unsuccessful - I
1926639	Xi'an Eurasia University	China	Qian Cheng	F	Unsuccessful - W
1902330	Shenzhen University	China	Li Guofa	F	Disqualified - P
1909623	Capital University of Economics and	China	Xin Xu	F	Disqualified - P
1912566	China University of Political Science and	China	YING XIAO	F	Disqualified - P
1923643	Jiangsu University	China	Shixi Tang	F	Disqualified - P
1924662	China Air Force Logistics College	China	Xiaoyan Wang	F	Disqualified - P