

# 2011 Mathematical Contest in Modeling®

## Press Release—April 15, 2011

COMAP is pleased to announce the results of the 27th annual Mathematical Contest in Modeling (MCM). This year, 2775 teams representing institutions from sixteen countries participated in the contest. Eight teams from the following institutions were designated as OUTSTANDING WINNERS:

**Eastern Oregon University, La Grande, OR**  
**Harvey Mudd College, Claremont, CA**  
**Peking University, Beijing, China**  
**Rensselaer Polytechnic Institute, Troy, NY**  
**Tsinghua University, Beijing, China**  
**University of Electronic Science and Tech., Chengdu, China**  
**University of Western Ontario, London, Canada**  
**Virginia Tech, Blacksburg, VA**

This year's contest ran from Thursday, February 10 to Monday, February 14, 2011. During that time, teams of up to three undergraduate or high school students researched, modeled, and submitted a solution to one of two modeling problems. The 2011 MCM was primarily an online contest. Teams registered, obtained contest materials, and downloaded the problem and data at the prescribed time through COMAP's MCM Website.

This year the two MCM problems represented significant challenges. The author or Problem A is Michael Tortorella, who was also a Final Judge. The problem asked contestants to determine the shape of a snowboard course (currently known as a "halfpipe") to maximize the production of "vertical air" by a skilled snowboarder. "Vertical air" is the maximum vertical distance above the edge of the halfpipe. They were also required to tailor the shape to optimize other possible requirements, such as maximum twist in the air, and to determine the tradeoffs that may be required to develop a "practical" course. Problem B was also written by Michael Tortorella, and required contestants to determine the minimum number of "repeaters" necessary to serve different population sizes and environmental conditions. The VHF radio spectrum involves line-of-sight transmission and reception. This limitation can be overcome by "repeaters," which pick up weak signals, amplify them, and retransmit them on a different frequency. Thus, using a

repeater, low-power users (such as mobile stations) can communicate with one another in situations where direct user-to-user contact would not be possible. However, repeaters can interfere with one another unless they are far enough apart or transmit on sufficiently separated frequencies.

For a circular flat area of 40 miles radius, contestants were required to determine the minimum number of repeaters necessary to accommodate 1,000 simultaneous users, assuming that the spectrum available is 145 to 148 MHz, the transmitter frequency in a repeater is either 600 kHz above or 600 kHz below the receiver frequency, and there are 54 different "PL" tones available to reduce the potential of interference. Then, contestants were required to determine how their solution changes if there are 10,000 users. And finally, they were required to discuss the case where there might be defects in line-of-sight propagation caused by mountainous areas.

The eight **Outstanding** solution papers will be published in *The UMAP Journal*, along with commentary from the authors and other judges. All 2775 of the competing teams are to be congratulated for their excellent work and enthusiasm for mathematical modeling and interdisciplinary problem solving.

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### 2011 MCM Statistics

- 2775 teams participated
- 13 high school teams (1%)
- 347 US Teams (12%)
- 2428 Foreign Teams (88%) from Canada, China, Finland, Germany, Indonesia, Ireland, Mexico, Malaysia, Pakistan, Scotland, Singapore, South Africa, South Korea, Spain, Taiwan, United Kingdom
- 8 Outstanding Winners (1%)
- 23 Finalist Winners (1%)
- 353 Meritorious Winners (13%)
- 842 Honorable Mentions (30%)
- 1545 Successful Participants (55%)

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To obtain additional information about the MCM and to obtain a complete listing of all team designations, please visit the MCM Website at: [www.mcmcontest.com](http://www.mcmcontest.com), or contact COMAP at: [mcm@comap.com](mailto:mcm@comap.com).

*Major funding for the MCM is provided by COMAP. Additional support is provided by the Institute for Operations Research and the Management Sciences (INFORMS) and Two Sigma Investments. COMAP's Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling are unique among modeling competitions in that they are the only international contests in which 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, and workers.*

#### Contest Director

Frank Giordano, *Naval Postgraduate School, Monterey, CA*

#### Executive Director

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

#### Founding Director

Ben Fusaro, *Florida State University*

#### Associate Directors

William Fox, *Naval Postgraduate School, Monterey, CA*  
Pat Driscoll, *United States Military Academy, NY*

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation	
9440	University of Electronic Science and Technology	China	Tao Zhou	B	Outstanding Winner	INFORMS &
9440	University of Electronic Science and Technology	China	Tao Zhou	B	Outstanding Winner	Ben Fusaro Award
10496	Harvey Mudd College	USA	Susan Martonosi	B	Outstanding Winner	SIAM Award
11759	Virginia Tech	USA	John Rossi	B	Outstanding Winner	MAA Award
12114	Rensselaer Polytechnic Institute	USA	Peter Kramer	B	Outstanding Winner	
8620	Sun Yat-sen University	China	Zhenglu Jiang	B	Finalist	
8819	Harbin Institute of Technology	China	Kean Liu	B	Finalist	
8874	Nankai University, China	China	Wanyi Chen	B	Finalist	
8878	Nanjing University of Finance and Economics	China	Chunyan Sun	B	Finalist	
8931	East China University of Science and Technology	China	Su Chunjie	B	Finalist	
9290	University of Science and Technology of China	China	Fengfu Li	B	Finalist	

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Ctrl #	Institution	Country	Advisor	Problem	Designation
9795	Xi'an Jiaotong University	P.R.China	JING GAO	B	Finalist
9846	Nanjing University of Posts&Telecommunications	P.R.China	YE JUN	B	Finalist
9875	Jilin University	China	Mingji Liu	B	Finalist
10522	Wuhan Univ.	China	Deng Aijiao	B	Finalist
11591	Beihang University	China	Wei Feng	B	Finalist
11713	Shanghai University of Finance and Economics	China	Xin Liu	B	Finalist
11776	Duke University	USA	Lenny Ng	B	Finalist
12117	Rensselaer Polytechnic Institute	USA	Mark Holmes	B	Finalist
8607	University of Central Florida	USA	Costas Efthimiou	B	Meritorious Winner
8613	Southwestern University of Finance and Economics	China	Dai Dai	B	Meritorious Winner
8618	Southwestern University of Finance and Economics	China	Chuan Ding	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8631	Northeastern University at Qinhuangdao	China	Yushan Jiang	B	Meritorious Winner
8633	Sichuan University	P.R.China	Jie Zhou	B	Meritorious Winner
8646	Bucknell University	USA	Peter McNamara	B	Meritorious Winner
8664	Donghua University	P.R.China	Yongsheng Ding	B	Meritorious Winner
8686	Univ. of Minnesota	USA	Yujin Guo	B	Meritorious Winner
8690	Nankai University	China	Wei Zhong	B	Meritorious Winner
8696	Beijing Institute of Technology	China	Hongzhou Wang	B	Meritorious Winner
8738	Vassar College	USA	John McCleary	B	Meritorious Winner
8757	Beijing Institute of Technology	China	Yan Dong	B	Meritorious Winner
8780	Harbin Institute of Technology	China	Shouting Shang	B	Meritorious Winner
8866	National Chiao Tung University	Taiwan	Zen Chen	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8884	Northwestern Polytechnical University	P.R.China	Sun Zhongkui	B	Meritorious Winner
8890	Northwestern Polytechnical University	P.R.China	Xu Genjiu	B	Meritorious Winner
8891	Northwestern Polytechnical University	P.R.China	Guo Qianqiao	B	Meritorious Winner
8898	Northwestern Polytechnical University	P.R.China	Zhang Ying	B	Meritorious Winner
8902	Harbin Institute of Technology	China	Biao Zhang	B	Meritorious Winner
8907	East China Normal University	China	Yongming Liu	B	Meritorious Winner
8908	Harbin Institute of Technology	China	Li Cao	B	Meritorious Winner
8957	Southwestern University of Finance and Economics	China	Chuan Ding	B	Meritorious Winner
8969	Harbin Institute of Technology	China	Daren Yu	B	Meritorious Winner
8999	Jiangsu University	China	Yimin Li	B	Meritorious Winner
9005	Beijing Institute of Technology	China	Yong-Fei Fang	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
9006	Sichuan Agricultural University	China	Du Ping	B	Meritorious Winner
9007	East China Normal University	China	Yiming Cheng	B	Meritorious Winner
9010	Peking University	China	Chunwei Song	B	Meritorious Winner
9018	Harbin Institute of Technology	China	Yu Tian	B	Meritorious Winner
9022	Harbin Institute of Technology	China	Yang Yu	B	Meritorious Winner
9043	Shanghai Jiao Tong University	China	Horst Hohberger	B	Meritorious Winner
9048	Harbin Institute of Technology	China	Weizhong Ma	B	Meritorious Winner
9058	Southeast University	China	Feng Wang	B	Meritorious Winner
9061	Southeast University	China	Xingang Jia	B	Meritorious Winner
9081	Southeast University	China	Dan He	B	Meritorious Winner
9096	Beijing Normal University - Hong Kong Baptist	China	Xiaoling Peng	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
9129	Soochow University	P.R.China	Minxin Chen	B	Meritorious Winner
9210	China University of Petroleum	China	Chen Hua	B	Meritorious Winner
9217	Southeast University	China	Jijun Liu	B	Meritorious Winner
9224	Beijing Language and Culture University	China	Guilong Liu	B	Meritorious Winner
9236	Zhejiang Sci-Tech University	China	Qiuying Lu	B	Meritorious Winner
9270	Dalian Maritime University	China	Yu Dong	B	Meritorious Winner
9278	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Meritorious Winner
9306	Beijing No.4 Middle School	China	Tao Long	B	Meritorious Winner
9325	Shanghai University Of Finance and Economics	China	Dong Zhenjie	B	Meritorious Winner
9337	Sichuan University, China	China	Yingyi Tan	B	Meritorious Winner
9344	Dalian Nationalities University	China	Chen Xingwen	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
9351	Dalian Nationalities University	China	Liu Yan	B	Meritorious Winner
9372	University Of Science and Technology of China	China	CHUANG HE	B	Meritorious Winner
9384	Shanghai University of Finance and Economics	China	Lingyan Cai	B	Meritorious Winner
9388	Xi'an Jiaotong Liverpool University	China	Gang Liu	B	Meritorious Winner
9389	Xi'an Jiaotong-Liverpool University	China	Dongen Zhang	B	Meritorious Winner
9391	Xi'an Jiaotong Liverpool University	China	Gang Liu	B	Meritorious Winner
9435	Xi'an Jiaotong-Liverpool University	China	Ming Ying	B	Meritorious Winner
9436	Xi'an Jiaotong-Liverpool University	China	Zhanxian Wei	B	Meritorious Winner
9438	Shanghai University of Finance and Economics	China	jianan liu	B	Meritorious Winner
9447	Anhui University of Finance and Economics	China	Caichun Chai	B	Meritorious Winner
9449	Anhui University of Finance and Economics	China	Cai wei	B	Meritorious Winner



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Ctrl #	Institution	Country	Advisor	Problem	Designation
9456	Harbin Institute of Technology	China	Rongning Qu	B	Meritorious Winner
9459	University of Science and Technology of China	China	Chuan He	B	Meritorious Winner
9477	zhengzhou university	China	xing chuanhong	B	Meritorious Winner
9505	Chongqing University	P.R.China	Qu Gong	B	Meritorious Winner
9512	U.S. Air Force Academy	USA	Kurt Herzinger	B	Meritorious Winner
9520	Huazhong Agricultural University	P.R.China	Lingli Sun	B	Meritorious Winner
9553	China Agricultural University	P.R.China	Zou Hui	B	Meritorious Winner
9565	School of Information Science and Engineering,	P.R.China	Jihong Shi	B	Meritorious Winner
9592	China Agricultural University	P.R.China	Jianping Yang	B	Meritorious Winner
9691	Zhongnan University of Economics and Law	China	Hao Yang	B	Meritorious Winner
9772	Sun Yat-sen University	China	ZhuoJian Yuan	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
9791	Xi'an Jiaotong University	P.R.China	HUANQIN LI	B	Meritorious Winner
9794	Xi'an Jiaotong University	P.R.China	JING GAO	B	Meritorious Winner
9845	Shenzhen polytechnic	China	TianLi Lei	B	Meritorious Winner
9858	Renmin University of China	China	Caihong Sun	B	Meritorious Winner
9862	Xi'an Jiaotong University	P.R.China	FENGMIN XU	B	Meritorious Winner
9915	Tsinghua University	China	Wang Zhengbo	B	Meritorious Winner
9927	China Jiliang University	China	Yikang Wang	B	Meritorious Winner
9938	China Jiliang University	China	Xueyi Liu	B	Meritorious Winner
9945	China Jiliang University	China	Cheng Wang	B	Meritorious Winner
9950	Jilin University	China	Jinying Liu	B	Meritorious Winner
9998	Lanzhou University	China	Jing Zhao	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
10007	harbin engineering university	P.R.China	chen zhijie	B	Meritorious Winner
10009	Century College,Beijing University of Posts and	China	Wen Xiang	B	Meritorious Winner
10038	Lanzhou University	China	Wenyu Zhang	B	Meritorious Winner
10043	Peking University	P.R.China	LI SUJIAN	B	Meritorious Winner
10051	Xi'an Jiaotong University	P.R.China	JIAN SUN	B	Meritorious Winner
10101	Nanjing University of Posts and	China	Gaohua Kong	B	Meritorious Winner
10117	Peking University	China	Fuxi Zhang	B	Meritorious Winner
10142	harbin engineering university	P.R.China	fan zhaobin	B	Meritorious Winner
10197	Xi'an Jiaotong University	P.R.China	JIAYIN WANG	B	Meritorious Winner
10228	Tsinghua University	China	Yansong Li	B	Meritorious Winner
10256	Renmin University of China	China	Yonghong Long	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
10271	Xi'an Jiaotong University	P.R.China	JIAYIN WANG	B	Meritorious Winner
10302	Nanjing University	China	GENG ZHOU	B	Meritorious Winner
10329	Zhengzhou Information Science and Technology	P.R.China	Jianping Du	B	Meritorious Winner
10346	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Meritorious Winner
10347	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Meritorious Winner
10396	Dalian University of Technology	P.R.China	Xiaodan Zhang	B	Meritorious Winner
10410	Nanjing University	China	Hui Qu	B	Meritorious Winner
10420	Central University of Finance and Economics	China	Xiaoming Fan	B	Meritorious Winner
10429	Wuhan University of Technology	China	Mao Shuhua	B	Meritorious Winner
10447	Shenyang Aerospace University	China	Yunqing Chen	B	Meritorious Winner
10453	Shenyang Aerospace University	China	Fengxian Piao	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
10507	Beijing Normal University	China	shu mei zhang	B	Meritorious Winner
10516	Nantong University	China	Daorong Lin	B	Meritorious Winner
10523	Nanjing University of Information Science and	China	Yuan Zhang	B	Meritorious Winner
10541	Shanghai Normal University	China	Sheng Lijuan	B	Meritorious Winner
10587	Beijing Normal University	P.R.CHINA	Haiyang Huang	B	Meritorious Winner
10602	South China University of Technology	China	Yi Hong	B	Meritorious Winner
10606	Shanghai Finance University	China	Yong Fang	B	Meritorious Winner
10619	Zhejiang Normal University	China	xinzhong Lu	B	Meritorious Winner
10650	Wuhan University	China	Yuanming Hu	B	Meritorious Winner
10659	Harvey Mudd College	USA	Rachel Levy	B	Meritorious Winner
10715	Zhengzhou Information Engineering University	China	Zhu Ming	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
10745	The Chinese University Of Hong Kong	Hong Kong	Leung Fu Cheung	B	Meritorious Winner
10754	University of Washington	USA	Sara Billey	B	Meritorious Winner
10775	National University of Defense Technology	China	Mengda Wu	B	Meritorious Winner
10779	Huazhong University of Science and Technology	China	Lili Wang	B	Meritorious Winner
10902	Xidian University	China	Shuisheng Zhou	B	Meritorious Winner
11000	Institution of Maths ; Northeastern University	China	Xiangde Zhang	B	Meritorious Winner
11002	Institution of Intelligent Robots and Pattern	China	Tong Jia	B	Meritorious Winner
11018	Tianjin University, China	P.R.China	Zhenghai Huang	B	Meritorious Winner
11052	Hefei University of Technology	P.R.China	Xianfa Jiao	B	Meritorious Winner
11053	Shanghai Jiaotong University	P.R.China	Gang Zhou	B	Meritorious Winner
11054	Hefei University of Technology	P.R.China	Xianfa Jiao	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11095	Northeast Agricultural University	China	Yueying Yang	B	Meritorious Winner
11128	Shanghai Jiaotong University	P.R.China	Baorui Song	B	Meritorious Winner
11145	Shanghai Jiaotong University	P.R.China	Shuzi Wei	B	Meritorious Winner
11150	Institution of Mathematics;Northeastern University	China	Shuni Song	B	Meritorious Winner
11160	Virtual reality and simulation;Northeastern	China	Peng Ji	B	Meritorious Winner
11168	Nanjing University of Sci. & Tech.	China	Chungen Xu	B	Meritorious Winner
11186	Nanjing University of Sci. & Tech.	China	Jun Zhang	B	Meritorious Winner
11202	Bethel University	USA	Nathan Gossett	B	Meritorious Winner
11275	University of Minnesota	USA	Fadil Santosa	B	Meritorious Winner
11276	University of International Business and Economics	China	WEI GUO	B	Meritorious Winner
11279	National University of Singapore	Singapore	seng-kee chua	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11287	National University of Singapore	Singapore	Kim-Chuan Toh	B	Meritorious Winner
11300	MATH	China	FENG XU	B	Meritorious Winner
11301	MATH	China	FENG XU	B	Meritorious Winner
11317	Colorado College	USA	Amelia Taylor	B	Meritorious Winner
11353	Wake Forest University	USA	Miaohua Jiang	B	Meritorious Winner
11356	Appalachian State University	USA	Eric Marland	B	Meritorious Winner
11359	Wuhan University Of Science and Technology	China	Li Ming Feng Yuqiang	B	Meritorious Winner
11363	Queens College, CUNY	USA	Christopher Hanusa	B	Meritorious Winner
11373	Zhejiang Gongshang University	P.R.China	Heng Zhao	B	Meritorious Winner
11380	Shandong University	China	Dejun FENG	B	Meritorious Winner
11401	Beijing University of Posts and	China	Wenbo Zhang	B	Meritorious Winner



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Ctrl #	Institution	Country	Advisor	Problem	Designation
11404	Beijing University of Posts and	China	Wenbo Zhang	B	Meritorious Winner
11438	Beijing University of Posts and	China	Wenbo Zhang	B	Meritorious Winner
11470	Beijing University of Posts and	China	Zuguo He	B	Meritorious Winner
11564	Yunnan University	China	Jie Meng	B	Meritorious Winner
11575	Zhejiang University City College	PRC	Xusheng Kang	B	Meritorious Winner
11585	Peking University	China	ZHENGDO WANG	B	Meritorious Winner
11595	Nanjing University of Posts and	China	Wang Youguo	B	Meritorious Winner
11607	Peking University	China	Jing Lv	B	Meritorious Winner
11626	Worcester Polytechnic Institute	USA	Burt Tilley	B	Meritorious Winner
11644	Mercer University	USA	Audrey Malagon	B	Meritorious Winner
11646	Connecticut College	USA	Sanjeeva Balasuriya	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11651	Central Washington University	USA	James Bisgard	B	Meritorious Winner
11652	University of Puget Sound	USA	Michael Spivey	B	Meritorious Winner
11666	Carroll College	USA	Holly Zullo	B	Meritorious Winner
11667	Carroll College	USA	Mark Parker	B	Meritorious Winner
11758	Stellenbosch University	South Africa	Willie Brink	B	Meritorious Winner
11771	Cornell University	USA	Alexander Vladimirsky	B	Meritorious Winner
11772	Duke University	USA	Karin Leiderman	B	Meritorious Winner
11774	Duke University	USA	Avanti Athreya	B	Meritorious Winner
11775	Cornell University	USA	Alexander Vladimirsky	B	Meritorious Winner
11782	Cornell University	USA	John Callister	B	Meritorious Winner
11800	Youngstown State University	USA	Thomas Wakefield	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11812	Beijing University of Chemical Technology	China	Guang JIANG	B	Meritorious Winner
11822	California Polytechnic State University	USA	Charles Camp	B	Meritorious Winner
11863	nanjing university of information sience and	China	Lianhua Zhu	B	Meritorious Winner
11887	Zhejiang University	China	Zhiyi TAN	B	Meritorious Winner
11890	Zhejiang University	China	Yan WANG	B	Meritorious Winner
11902	Zhejiang University	China	Wenjing ZHA	B	Meritorious Winner
11921	National University of Singapore	Singapore	Weizhu Bao	B	Meritorious Winner
11933	Institut Teknologi Bandung	Indonesia	Kuntjoro Sidarto	B	Meritorious Winner
11940	Universitat Autònoma de Barcelona	Spain	Aureli Alabert	B	Meritorious Winner
11966	University College Cork	Ireland	Dmitrii Rachinskii	B	Meritorious Winner
11974	Beijing University of Posts and	China	Wenbo Zhang	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11976	University of Cambridge	UK	Stephen Cowley	B	Meritorious Winner
11985	Tufts University	USA	Misha Kilmer	B	Meritorious Winner
11995	University of Wisconsin-La Crosse	USA	Huiya Yan	B	Meritorious Winner
12004	Georgia Institute of Technology	USA	Enid Steinbart	B	Meritorious Winner
12007	Coe College	USA	Calvin Van Niewaal	B	Meritorious Winner
12016	Pacific University	USA	Christine Guenther	B	Meritorious Winner
12020	New York University	USA	Lisa Rogers	B	Meritorious Winner
12036	Asbury University	USA	Towanna Roller	B	Meritorious Winner
12046	Southern Connecticut State University	USA	Ross Gingrich	B	Meritorious Winner
12069	Jiangnan University	China	Xuqing Tang	B	Meritorious Winner
12081	MATH	China	JUHUA SONG	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
12082	MATH	China	JUHUA SONG	B	Meritorious Winner
12084	MATH	China	YU SUN	B	Meritorious Winner
12085	China University of Petroleum	P.R.China	Wu Shujun	B	Meritorious Winner
12095	Nanjing Normal University	China	Xin Chen	B	Meritorious Winner
12118	Rensselaer Polytechnic Institute	USA	Mark Holmes	B	Meritorious Winner
12152	US Military Academy	USA	Lee Evans	B	Meritorious Winner
12155	US Military Academy	USA	Benjamin Hung	B	Meritorious Winner
8601	Shanghai University of Finance and Economics	P.R.China	Chunjie Wu	B	Honorable Mention
8603	Nankai University	China	Bing Xiang	B	Honorable Mention
8605	Nanjing University	China	Zhuang Jianjun	B	Honorable Mention
8614	Fudan University	China	Zhijie Cai	B	Honorable Mention

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8616	Fudan University	China	Yuan Cao	B	Honorable Mention
8625	Nankai University	China	Yilin Zhu	B	Honorable Mention
8626	Southwestern University of Finance and Economics	P.R.China	Dai Dai	B	Honorable Mention
8634	Nankai University	China	Gang Hu	B	Honorable Mention
8636	Southwestern University of Finance and Economics	P.R.China	Yulong Sun	B	Honorable Mention
8650	Northeastern University at Qinhuangdao	P.R.China	Jianbo Zhang	B	Honorable Mention
8651	Nankai University	P.R.China	Longmin Wang	B	Honorable Mention
8656	University of Science and Technology Beijing	China	Jin Zhu	B	Honorable Mention
8676	Nankai University	China	Tonghua Li	B	Honorable Mention
8680	Beijing Institute of Technology	China	Liang Shen	B	Honorable Mention
8681	Beijing Institute of Technology	China	Liang Shen	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8685	Shanghai University of Finance and Economics	P.R.China	Chengdong Dong	B	Honorable Mention
8688	Beijing Institute of Technology	China	Xue-Wen Li	B	Honorable Mention
8710	SiChuan University	China	Lamei He	B	Honorable Mention
8715	Nankai University	China	Zhonghua Wu	B	Honorable Mention
8722	East China Normal University	China	Shujin Wu	B	Honorable Mention
8725	Beijing Institute of Technology	China	Xiao-Yang Wang	B	Honorable Mention
8734	Beijing Institute of Technology	China	Xiao-Yang Wang	B	Honorable Mention
8742	USTC	China	Ziyuan Bai	B	Honorable Mention
8752	Beijing Institute of Technology	China	Hai-Rui Wen	B	Honorable Mention
8766	Beijing Institute of Technology	China	Xue-Na Hu	B	Honorable Mention
8767	Shanghai University of Finance and Economics	China	Qikang Ran	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8772	Beijing Normal University, Beijing 100875 , China	China	Ming Bai	B	Honorable Mention
8773	Dalian Maritime University	China	Y. Zhang	B	Honorable Mention
8789	University of Science and Technology of China	China	Cengke Shi	B	Honorable Mention
8796	Harbin Institute of Technology	China	Ru Fang	B	Honorable Mention
8797	Harbin Institute of Technology	China	Yuming Xing	B	Honorable Mention
8799	Harbin Institute of Technology	China	Yong Wang	B	Honorable Mention
8801	Harbin Institute of Technology	China	Baodong Zheng	B	Honorable Mention
8804	Harbin Institute of Technology	China	Bo Han	B	Honorable Mention
8808	Harbin Institute of Technology	China	Daohua Li	B	Honorable Mention
8810	Harbin Institute of Technology	China	Chiping Zhang	B	Honorable Mention
8816	Harbin Institute of Technology	China	Yunfei Zhang	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8818	Harbin Institute of Technology	China	Kean Liu	B	Honorable Mention
8824	University of Science and Technology of China	China	Xu Gao	B	Honorable Mention
8829	Harbin Institute of Technology	China	Xiaofeng Shi	B	Honorable Mention
8831	Harbin Institute of Technology	China	Xuefeng Wang	B	Honorable Mention
8834	Harbin Institute of Technology	China	Guoqing Liu	B	Honorable Mention
8842	Beijing Institute of Technology	China	Wei Zhang	B	Honorable Mention
8843	Beijing Institute of Technology	China	Wei Zhang	B	Honorable Mention
8844	Harbin Institute of Technology	China	Qi Guo	B	Honorable Mention
8849	Harbin Institute of Technology	China	Jiqun Shao	B	Honorable Mention
8872	Shanghai University of Finance and Economics	China	Meiping Xie	B	Honorable Mention
8873	Shanghai University of Finance and Economics	China	Meiping Xie	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8875	East China University of Science and Technology	China	Yan Qin	B	Honorable Mention
8876	Beijing Institute of Technology	China	Hua-Fei Sun	B	Honorable Mention
8877	Nanjing University of Finance and Economics	China	Chunyan Sun	B	Honorable Mention
8885	Northwestern Polytechnical University	P.R.China	Lei Youming	B	Honorable Mention
8899	Northwestern Polytechnical University	P.R.China	Zhang Ying	B	Honorable Mention
8901	Harbin Institute of Technology	China	Biao Zhang	B	Honorable Mention
8909	Harbin Institute of Technology	China	Li Cao	B	Honorable Mention
8921	Harbin Institute of Technology	China	Fengchen Li	B	Honorable Mention
8925	Harbin Institute of Technology	China	Zhe Zhang	B	Honorable Mention
8929	East China University of Science and Technology	China	Liu Zhaohui	B	Honorable Mention
8932	East China University of Science and Technology	China	Su Chunjie	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8942	Harbin Institute of Technology	China	Yang Bai	B	Honorable Mention
8944	Harbin Institute of Technology	China	Zhongyu Wang	B	Honorable Mention
8946	Harbin Institute of Technology	China	Dalie Sun	B	Honorable Mention
8953	Nanjing University	China	Jianping Deng	B	Honorable Mention
8954	Shanghai University of Finance and Economics	China	Yuquan YE	B	Honorable Mention
8956	Nanjing University of Aeronautics and Astronautics	China	jie wen	B	Honorable Mention
8958	Harbin Institute of Technology	China	Xiaojun Ban	B	Honorable Mention
8982	Harbin Institute of Technology	China	Xuanli Wu	B	Honorable Mention
8985	Harbin Institute of Technology	China	Ping Chen	B	Honorable Mention
8986	Harbin Institute of Technology	China	Ping Chen	B	Honorable Mention
8987	Harbin Institute of Technology	China	Liang Guo	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8988	Harbin Institute of Technology	China	Liang Guo	B	Honorable Mention
8989	Harbin Institute of Technology	China	Hongqian Lu	B	Honorable Mention
8992	Harbin Institute of Technology	China	Guoqiu Yang	B	Honorable Mention
8993	Harbin Institute of Technology	China	Yuyin Wang	B	Honorable Mention
8998	Harbin Institute of Technology	China	Huifeng Tan	B	Honorable Mention
9009	Fudan University	China	Xilin Xie	B	Honorable Mention
9011	Beijing University of Technology	China	Yi Xue	B	Honorable Mention
9012	Harbin Institute of Technology	China	Yukun Ding	B	Honorable Mention
9025	Harbin Institute of Technology	China	Yanlai Li	B	Honorable Mention
9026	Harbin Institute of Technology	China	Xiaoyu Li	B	Honorable Mention
9028	Harbin Institute of Technology	China	Tao Li	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9034	Harbin Institute of Technology	China	Hongwei Xia	B	Honorable Mention
9055	Southeast University	China	Feng Wang	B	Honorable Mention
9065	Harbin Institute of Technology	China	Lixin Qiao	B	Honorable Mention
9066	Harbin Institute of Technology	China	Lixin Qiao	B	Honorable Mention
9068	Harbin Institute of Technology	China	Tao Ma	B	Honorable Mention
9083	Southeast University	China	Liyang Wang	B	Honorable Mention
9094	Beijing Normal University	China	Zhengru Zhang	B	Honorable Mention
9099	Beijing Normal University-Hong Kong Baptist	China	Dennis Cheung	B	Honorable Mention
9102	Nankai University	China	Jishou Ruan	B	Honorable Mention
9104	Southwest University of Science and Technology	China	Ke Zheng	B	Honorable Mention
9107	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9111	Beijing University of Posts and	China	Xinchao Zhao	B	Honorable Mention
9112	East China Normal University	China	yongming liu	B	Honorable Mention
9121	Southeast University	China	Enshui Chen	B	Honorable Mention
9125	Southeast University	China	Jianhua Zhou	B	Honorable Mention
9133	Soochow University	P.R.China	Enhui Shi	B	Honorable Mention
9145	Soochow University	P.R.China	Yun Zhao	B	Honorable Mention
9151	Beijing Institute of Technology	China	Hong-Ying Man	B	Honorable Mention
9154	Peking University	P.R.China	Minghua Deng	B	Honorable Mention
9160	Beijing Institute of Technology	China	Hong-Ying Man	B	Honorable Mention
9163	Peking University	P.R.China	Qiming Sun	B	Honorable Mention
9178	Southwestern University of Finance and Economics	China	Luo Chuanyi	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9197	China University of Geosciences(Beijing)	China	Zhaodou Chen	B	Honorable Mention
9205	China University of Geosciences(Beijing)	China	Haiying Wang	B	Honorable Mention
9218	Southeast University	China	Jijun Liu	B	Honorable Mention
9220	Southeast University	China	Xiang Yin	B	Honorable Mention
9228	Beijing Language and Culture University	China	Yanbing Feng	B	Honorable Mention
9231	University of Science and Technology Beijing	China	Hu Zhixing	B	Honorable Mention
9240	Naval Aeronautical and Astronautical University	China	Xijing Sun	B	Honorable Mention
9260	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Honorable Mention
9276	Sichuan Agricultural University	China	Du Ping	B	Honorable Mention
9279	Civil Aviation University of China	China	Ming Tian	B	Honorable Mention
9280	Chengdu College of Univ. of Elec. Sci. and Tech. of	China	Qibing Chen	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9292	Sichuan Agricultural University	China	Zhang rong	B	Honorable Mention
9293	Southwest Jiaotong University, CHINA	China	LU WANG	B	Honorable Mention
9295	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Honorable Mention
9301	China University of Petroleum(East China)	P.R.China	Fu Hongfei	B	Honorable Mention
9304	Heilongjiang University	China	Ruizhi Zhang	B	Honorable Mention
9307	Naval Aeronautical and Astronautical University	China	Shujie Yang	B	Honorable Mention
9308	Shenyang University	China	Yue Xiaoning	B	Honorable Mention
9362	Dalian Nationalities University	China	Bai Rixia	B	Honorable Mention
9386	Xi'an Jiaotong-Liverpool University	China	Jingming Guo	B	Honorable Mention
9390	Xi'an Jiaotong-Liverpool University	China	Dongen Zhang	B	Honorable Mention
9395	Xi'an Jiaotong-Liverpool University	China	Qiang Niu	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9396	Xi'an Jiaotong-Liverpool University	P.R.China	Zhu An-Yun	B	Honorable Mention
9399	Xi'an Jiaotong-Liverpool University	China	Qiang Niu	B	Honorable Mention
9414	Donghua University	China	Enjian Bai	B	Honorable Mention
9423	Xi'an Jiaotong-Liverpool University	China	Jinsheng Pan	B	Honorable Mention
9427	Xi'an Jiaotong-Liverpool University	China	Hongyun Xiong	B	Honorable Mention
9434	Xi'an Jiaotong-Liverpool University	China	Ming Ying	B	Honorable Mention
9437	Xi'an Jiaotong-Liverpool University	P.R.China	Qinghua Yang	B	Honorable Mention
9445	Xi'an Jiaotong-Liverpool University	China	Guorui Xie	B	Honorable Mention
9461	Shanghai University of Finance and Economics	China	wanjun Luo	B	Honorable Mention
9481	Shanghai University	China	Wancheng Sheng	B	Honorable Mention
9484	HeiLongJiang University	China	Zhang RuiZhi	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9494	Zhejiang A & F University	China	Guanghai Xu	B	Honorable Mention
9498	SUN YAT-SEN UNIVERSITY	China	Lei Zhang	B	Honorable Mention
9508	Chongqing University	P.R.China	Jian Xiao	B	Honorable Mention
9509	Chongqing University	P.R.China	Renbin He	B	Honorable Mention
9514	Jilin University	China	Xianrui Lv	B	Honorable Mention
9525	Beihua University	China	Zhang Lichun	B	Honorable Mention
9527	Beihua University	China	Jiang Xiaowei	B	Honorable Mention
9549	China Agricultural University	P.R.China	Zou Hui	B	Honorable Mention
9559	China Agricultural University	P.R.China	Shi Yuanchang	B	Honorable Mention
9566	Yunnan University	P.R.China	Hong Wei	B	Honorable Mention
9569	Yunnan University	P.R.China	Hong Wei	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9580	University of Science and Technology of China	China	Lisha Qiu	B	Honorable Mention
9587	Tsinghua University	China	Hai Jiang	B	Honorable Mention
9590	University of Science and Technology Beijing	China	Li Yanqing	B	Honorable Mention
9595	Dalian University of Technology	China	Ning Ding	B	Honorable Mention
9598	Dalian University of Technology	China	Xiaochen Lai	B	Honorable Mention
9600	Dalian University of Technology	China	Ming Zhu	B	Honorable Mention
9603	Dalian University of Technology	China	Wenjie Liu	B	Honorable Mention
9615	Dalian University of Technology	China	Jinpeng Liu	B	Honorable Mention
9630	Shandong University	P.R.China	LIU Yunxian	B	Honorable Mention
9633	Shandong University	P.R.China	Zhang Chen	B	Honorable Mention
9637	Shandong University	P.R.China	LUAN Yihui	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9643	Renmin University of China	China	Xiaoling Lu	B	Honorable Mention
9644	Shandong University	P.R.China	Shige PENG	B	Honorable Mention
9651	Renmin University of China	China	Chunhua Zhang	B	Honorable Mention
9669	Chongqing University	P.R.China	Dong Li	B	Honorable Mention
9676	Chongqing University	P.R.China	Qiongfang Liu	B	Honorable Mention
9678	Chongqing University	P.R.China	Qiongfang Liu	B	Honorable Mention
9681	Shandong University	P.R.China	LIU Yunxin	B	Honorable Mention
9689	Xuhai College of China University of Mining and	China	Li Yuan	B	Honorable Mention
9698	Peking University	P.R.China	Shuyi Zhang	B	Honorable Mention
9706	Sun Yat-sen University	China	ZhuJun Fan	B	Honorable Mention
9707	Sun Yat-sen University	China	ZhuoJian Yuan	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9724	Shanghai University of Finance and Economics	China	Fei Xie	B	Honorable Mention
9729	Beijing University of Technology	China	Haibin Zhang	B	Honorable Mention
9732	Shandong University at Weihai	P.R.China	Zhulou Jiaguo Liu	B	Honorable Mention
9754	SHANGHAI UNIVERSITY OF FINANCE AND	China	YANHUA WANG	B	Honorable Mention
9757	Chongqing Normal University	China	Zhao Ke Quan	B	Honorable Mention
9776	Shandong University	P.R.China	Zhao Weidong	B	Honorable Mention
9784	Central South University	China	zs zheng	B	Honorable Mention
9785	Xi'an Jiaotong University	P.R.China	JIAYIN WANG	B	Honorable Mention
9793	Xi'an Jiaotong University	P.R.China	LIZHOU WANG	B	Honorable Mention
9798	Xi'an Jiaotong University	P.R.China	WEI WANG	B	Honorable Mention
9800	Xi'an Jiaotong University	P.R.China	FENGMIN XU	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9807	HuaZhong Normal University	China	Bo Li	B	Honorable Mention
9816	Sun Yat-sen University	China	Junyu Zhang	B	Honorable Mention
9833	University of Science and Technology of China	P.R.China	Wei Wu	B	Honorable Mention
9841	Shenzhen polytechnic	China	Wenzhi Wang	B	Honorable Mention
9848	Nanjing University of Posts&Telecommunications	P.R.China	Jun Ye	B	Honorable Mention
9854	Tianjin Polytechnic University	China	Dongwei Huang	B	Honorable Mention
9859	Yunnan University	China	Murong Jiang	B	Honorable Mention
9866	University of Massachusetts Lowell	USA	James Graham-Eagle	B	Honorable Mention
9867	Sun Yat-sen University	China	GuoCan Feng	B	Honorable Mention
9871	Truman State University	USA	Steve Smith	B	Honorable Mention
9872	Truman State University	USA	Steve Smith	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9874	Jilin University	China	Mingji Liu	B	Honorable Mention
9876	Jilin University	China	Xianghong Xu	B	Honorable Mention
9889	Jilin University	China	Youqing Ji	B	Honorable Mention
9891	Jilin University	China	Hongwen Iuo	B	Honorable Mention
9896	Beijing Jiaotong University	China	Bingli Fan	B	Honorable Mention
9898	Shandong University	P.R.China	Yang Liu	B	Honorable Mention
9899	Beijing Jiaotong University	China	Bingtuan Wang	B	Honorable Mention
9903	Jilin University	China	Xuerun Zhang	B	Honorable Mention
9916	Shandong University of Science and Technology	P.R.China	Pang Shanchen	B	Honorable Mention
9918	Peking University	P.R.China	Minghua Deng	B	Honorable Mention
9920	University of Science and Technology of China	China	Yuan ZHANG	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9922	The College of Tianmu,Zhejiang A & F University	China	Hu Guihua	B	Honorable Mention
9928	Jilin University	China	Yue Lv	B	Honorable Mention
9931	Jilin University	China	Yang Cao	B	Honorable Mention
9933	Jilin University	China	Ying Dong	B	Honorable Mention
9935	Jilin University	China	Ying Dong	B	Honorable Mention
9944	Jilin University	China	Yongkui Zou	B	Honorable Mention
9948	Jilin University	China	Zhenxin Liu	B	Honorable Mention
9952	Jilin University	China	Changchun Liu	B	Honorable Mention
9953	Jilin University	China	Changchun Liu	B	Honorable Mention
9956	The College of Tianmu,Zhejiang A & F University	China	Hu Guihua	B	Honorable Mention
9963	Jilin University	China	Weiping Shi	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9969	Jilin University	China	Chunguo Wu	B	Honorable Mention
9971	National University of Singapore	Singapore	Hwee Huat Tan	B	Honorable Mention
9978	South China Agricultural University	China	zhu yanke	B	Honorable Mention
9985	Inner Mongolia University of Science&Technology	China	Lin Shi	B	Honorable Mention
9992	harbin engineering university	P.R.China	dong yunji	B	Honorable Mention
9999	Lanzhou University	China	Jing Zhao	B	Honorable Mention
10000	Peking University	P.R.China	Jinwen Ma	B	Honorable Mention
10002	Tsinghua Univrersity	China	Heng Liang	B	Honorable Mention
10013	Century College,Beijing University of Posts and	China	Wen Xiang	B	Honorable Mention
10015	harbin engineering university	P.R.China	dai yuntao	B	Honorable Mention
10019	harbin engineering university	P.R.China	cai kuijie	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10024	Lanzhou University	China	Weigang Zhao	B	Honorable Mention
10032	Lanzhou University	China	Jie Wu	B	Honorable Mention
10034	Lanzhou University	China	Hongya Xu	B	Honorable Mention
10035	Lanzhou University	China	Hongya Xu	B	Honorable Mention
10050	Western Washington University	USA	Tjalling Ypma	B	Honorable Mention
10060	Xi'an Jiaotong University	P.R.China	Hongliang Lu	B	Honorable Mention
10062	Tongji University	China	Junfeng Yin	B	Honorable Mention
10082	Southwestern University of Finance and Economics	China	Yunlong Sun	B	Honorable Mention
10088	North China Electric Power University Baoding	China	Yagang Zhang	B	Honorable Mention
10093	Nanchang Hangkong University	P.R.China	Haibo Yang	B	Honorable Mention
10109	CHANG'AN Universiy	China	Song Xueli	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10113	CHANG'AN University	China	Wang Axia	B	Honorable Mention
10116	CHANG'AN University	China	Zhang Yindi	B	Honorable Mention
10119	Sichuan University	China	Yonghong Zhao	B	Honorable Mention
10121	Sichuan University	P.R.China	Huilei Han	B	Honorable Mention
10128	harbin engineering university	P.R.China	shen jihong	B	Honorable Mention
10138	harbin engineering university	P.R.China	gao zhenbin	B	Honorable Mention
10150	harbin engineering university	P.R.China	jia niannian	B	Honorable Mention
10154	Xiamen university	China	ZhongXin ZHANG	B	Honorable Mention
10163	harbin engineering university	P.R.China	yang lihong	B	Honorable Mention
10168	harbin engineering university	P.R.China	chai yanyou	B	Honorable Mention
10171	harbin engineering university	P.R.China	yao hongmei	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10196	Xi'an Jiaotong University	P.R.China	XIAOE RUAN	B	Honorable Mention
10198	University of Central Oklahoma	USA	Gang Qian	B	Honorable Mention
10199	columbia University	USA	Soulayman Kachani	B	Honorable Mention
10200	Beijing Normal University	China	Li Cui	B	Honorable Mention
10205	Shanghai University OF FINANCE AND ECONOMY	China	Yong Zhou	B	Honorable Mention
10212	Beijing Jiaotong University	China	Bingtuan Wang	B	Honorable Mention
10215	Shandong University	P.R.China	Gao Shengfa	B	Honorable Mention
10237	China University of Mining and Technology	P.R.China	Han Miao	B	Honorable Mention
10239	Renmin University of China	China	Tao Liu	B	Honorable Mention
10242	Academy of Armored Force Engineering	China	Jianhua Chen	B	Honorable Mention
10255	Shandong University	China	XU Yuming	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10260	University of Science and Technology of China	China	ZHE ZHAO	B	Honorable Mention
10269	Southwest University for Nationalities	China	Shanshan Li	B	Honorable Mention
10270	Southwest University for Nationalities	China	Jiang Cheng	B	Honorable Mention
10273	BeiHang University	China	Baochang Zhang	B	Honorable Mention
10279	Guangzhou University	China	Zhong Yubin	B	Honorable Mention
10282	Guangzhou University	China	Yubing Zhon	B	Honorable Mention
10292	Central South University	China	Zs Zheng	B	Honorable Mention
10303	Academy of Armored Force Engineering	China	Ling Zhang	B	Honorable Mention
10305	Central University of Finance and Economics	China	Zhengyi Wang	B	Honorable Mention
10306	Nanjing University of Information Science and	China	Wenlong FEI	B	Honorable Mention
10308	beihang university	China	feng wenquan	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10312	Ludong University	China	Liu Guangchen	B	Honorable Mention
10313	Ludong University	China	Liu Wei	B	Honorable Mention
10321	Ludong University	China	Liu Feng	B	Honorable Mention
10322	Ludong University	China	Liu Feng	B	Honorable Mention
10324	Zhengzhou Information Science and Technology	China	Zhonggeng Han	B	Honorable Mention
10326	Ningbo University	China	Lihong Wang	B	Honorable Mention
10334	Dalian University of Technology	P.R.China	Mingfeng He	B	Honorable Mention
10345	Dalian University of Technology	P.R.China	Qihui Pan	B	Honorable Mention
10348	Wuhan University	China	Zhuangchu Luo	B	Honorable Mention
10371	Dalian University of Technology	P.R.China	Zhen Wang	B	Honorable Mention
10387	Dalian University of Technology	P.R.China	Zhenyu Wu	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10392	Dalian University of Technology	P.R.China	Xiaodan Zhang	B	Honorable Mention
10403	Tsinghua University	China	Liping Zhang	B	Honorable Mention
10415	South China Normal University	China	Shaohui Zhang	B	Honorable Mention
10427	Shanghai University of Finance and Economics	China	Kuang Jing	B	Honorable Mention
10428	Wuhan University of Technology	China	Mao Shuhua	B	Honorable Mention
10435	Nankai University	China	Yunhua Xue	B	Honorable Mention
10436	Wuhan University of Technology	China	Chen Jiaqing	B	Honorable Mention
10459	Shenyang Aerospace University	China	Lin Li	B	Honorable Mention
10463	Shenyang Aerospace University	China	Yanjie Li	B	Honorable Mention
10468	South China Normal University	China	Shaohui Zhang	B	Honorable Mention
10478	USTC	P.R.China	Zhuo Ning Chen	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10492	Zhengzhou Information Science and Technology	China	Yuan Tian	B	Honorable Mention
10500	University of Washington	USA	James Morrow	B	Honorable Mention
10502	SUN YAT- SEN University	China	hawking wang	B	Honorable Mention
10508	Nantong University	China	Jing Chen	B	Honorable Mention
10512	Nantong University	China	Shu Qing Liu	B	Honorable Mention
10521	Nanjing University of Posts and	P.R.China	qiu zhonghua	B	Honorable Mention
10533	Wuhan University	China	Liuyi Zhong	B	Honorable Mention
10567	Wuhan Univ.	China	Liuyi Zhong	B	Honorable Mention
10577	Harbin University of Science and Technology	P.R.China	Ben Niu	B	Honorable Mention
10584	Beijing University of Technology	China	Haibin Zhang	B	Honorable Mention
10585	South China University of Technology	China	Bo Xie	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10594	Zhengzhou Information Science and Technology	China	Lu Yiqiang	B	Honorable Mention
10597	Zhengzhou Information Science and Technology	China	Zhang Xiaoyong	B	Honorable Mention
10620	Zhejiang Normal University	China	Yunlan Pang	B	Honorable Mention
10627	Beijing Normal University	China	Xingwei Tong	B	Honorable Mention
10629	Zhejiang Normal University	China	Jinqi Li	B	Honorable Mention
10635	Zhejiang Normal University	China	Weiyi Zhu	B	Honorable Mention
10641	peking uni	China	jinwen ma	B	Honorable Mention
10645	ShanDong University	China	Lin Lu	B	Honorable Mention
10654	Beihang University	China	Qi Yi	B	Honorable Mention
10662	Harvey Mudd College	USA	Jon Jacobsen	B	Honorable Mention
10663	School of Science, Wuhan University of Technology	China	Chu Yangjie	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10664	School of Science, Wuhan University of Technology	China	Chu Yangjie	B	Honorable Mention
10687	Wuhan University	China	Yong Cheng	B	Honorable Mention
10688	University of Electronic Science and Technology of	China	Qin Siyi	B	Honorable Mention
10690	University of Electronic Science and Technology of	China	Li Mingqi	B	Honorable Mention
10696	North China Electric Power University	P.R.China	Yong Xuelin	B	Honorable Mention
10697	South China University of Technology	China	Qing Liu	B	Honorable Mention
10703	School of Science, Wuhan University of Technology	China	Yang Wenxia	B	Honorable Mention
10709	School of Science, Wuhan University of Technology	China	Fang Xi	B	Honorable Mention
10720	Zhengzhou Information Engineering University	China	Ji Song	B	Honorable Mention
10731	Air Force Engineering University	China	Weiliang Wang	B	Honorable Mention
10736	University of Electronic Science and Technology of	China	Gao Qing	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10751	South China Normal University	China	Hunan Li	B	Honorable Mention
10757	Shanghai University of Finance and Economics	China	Weichun Ye	B	Honorable Mention
10761	Harvey Mudd College	USA	Talithia Williams	B	Honorable Mention
10763	Beihang University	China	Zengchang Qin	B	Honorable Mention
10769	National University of Defense Technology	China	Dang Wang	B	Honorable Mention
10772	National University of Defense Technology	China	D Wang	B	Honorable Mention
10773	National University of Defense Technology	China	Mengda Wu	B	Honorable Mention
10785	National University of Defense Technology	China	ZY Mao	B	Honorable Mention
10791	Huazhong University of Science and Technology	China	Zhihong Lu	B	Honorable Mention
10799	National University of Defense Technology	China	Xiaojun Duan	B	Honorable Mention
10805	Huazhong University of Science and Technology	China	Zhibin Han	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10807	National University of Defense Technology	China	Meihua Xie	B	Honorable Mention
10813	National University of Defense Technology	China	Lizhi Cheng	B	Honorable Mention
10814	National University of Defense Technology	China	Yi Wu	B	Honorable Mention
10817	National University of Defense Technology	China	Wenqiang Yang	B	Honorable Mention
10819	National University of Defense Technology	China	Wenqiang Yang	B	Honorable Mention
10834	Nankai University	China	Yunhua Xue	B	Honorable Mention
10842	Zhejiang University of Technology	P.R.China	Wenxin Zhuo	B	Honorable Mention
10863	Southwest jiaotong University of China	China	Changgui Xu	B	Honorable Mention
10867	Finance and Statistics Academe	China	Yu Kun Liu	B	Honorable Mention
10873	Shenyang Normal University	China	bo Men	B	Honorable Mention
10892	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10897	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Xiaoxia Wang	B	Honorable Mention
10900	Xidian University	China	Hailin FENG	B	Honorable Mention
10901	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Qing Zhou	B	Honorable Mention
10906	Beijing Univ. of Posts & Telecomm.	China	Zuguo He	B	Honorable Mention
10911	Xidian University	China	Qiang Zhu	B	Honorable Mention
10912	Beijing Univ. of Posts & Telecomm.	China	Hongxiang Sun	B	Honorable Mention
10914	Xidian University	China	Jimin Ye	B	Honorable Mention
10915	Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Honorable Mention
10916	Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Honorable Mention
10917	Beijing Univ. of Posts & Telecomm.	China	Xiaoxia Wang	B	Honorable Mention
10929	Beijing Univ. of Posts & Telecomm.	China	Xueli Wang	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10934	School of Computer Sci. & Tech., Beijing Univ. of	China	Zuguo He	B	Honorable Mention
10937	Shanghai Jiaotong University	P.R.China	Yumei Xin	B	Honorable Mention
10938	School of Computer Sci. & Tech., Beijing Univ. of	China	Hongxiang Sun	B	Honorable Mention
10943	School of Computer Sci. & Tech., Beijing Univ. of	China	Xiaoxia Wang	B	Honorable Mention
10944	School of Computer Sci. & Tech., Beijing Univ. of	China	Xiaoxia Wang	B	Honorable Mention
10945	Shanghai Jiaotong University	P.R.China	Yaokun Wu	B	Honorable Mention
10946	School of Computer Sci. & Tech., Beijing Univ. of	China	Jianhua Yuan	B	Honorable Mention
10947	Shanghai Jiaotong University	P.R.China	Yaokun Wu	B	Honorable Mention
10952	School of Inf. & Telecomm. Eng., Beijing Univ. of	China	Zuguo He	B	Honorable Mention
10954	School of Inf. & Telecomm. Eng., Beijing Univ. of	China	Zuguo He	B	Honorable Mention
10956	School of Inf. & Telecomm. Eng., Beijing Univ. of	China	Hongxiang Sun	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10961	School of Inf. & Telecomm. Eng.,Beijing Univ. of	China	Xiaoxia Wang	B	Honorable Mention
10962	School of Inf. & Telecomm. Eng.,Beijing Univ. of	China	Xiaoxia Wang	B	Honorable Mention
10963	School of Inf. & Telecomm. Eng.,Beijing Univ. of	China	Xinchao Zhao	B	Honorable Mention
10970	School of Mechanical Engineering and Automation	China	Xuehong He	B	Honorable Mention
10975	Institute of Artificial Intelligence and Robotics;	China	Yunzhou Zhang	B	Honorable Mention
10977	College of Information Science and Engineering;	China	Peifeng Hao	B	Honorable Mention
10980	Civil Aviation University of China	China	Yu Fu	B	Honorable Mention
10983	Shanghai University of Finance and Economics	China	JunYan Xin	B	Honorable Mention
10996	College of Sciences ; Northeastern University	China	Yang Guo	B	Honorable Mention
10998	College of Sciences ; Northeastern University	China	Qi Wang	B	Honorable Mention
11007	Institution of Intelligent Robots and Pattern	China	Chengdong Wu	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11021	Tianjin University, China	P.R.China	Zhengfang Yang	B	Honorable Mention
11026	Tianjin University, China	P.R.China	Liangfu Lu	B	Honorable Mention
11034	Tianjin University, China	P.R.China	Honggang Zeng	B	Honorable Mention
11051	Beijing Normal University	China	Liu Yongping	B	Honorable Mention
11064	Sun Yat-sen University	China	XiaoLong Jiang	B	Honorable Mention
11072	Northeast Forestry University	China	Chunrui Zhang	B	Honorable Mention
11074	Northeast Forestry University	China	Lianying Cao	B	Honorable Mention
11076	Wuhan University	China	Xinqi Hu	B	Honorable Mention
11104	Nanchang University	P.R.China	Liao chuanrong	B	Honorable Mention
11121	Shanghai Jiaotong University	P.R.China	Jiang Yu	B	Honorable Mention
11122	Shanghai Jiaotong University	P.R.China	Jiang Yu	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11125	Shanghai Jiaotong University	P.R.China	Beixiang Fang	B	Honorable Mention
11130	Tsinghua Univarsity	China	Heng Liang	B	Honorable Mention
11132	Peking University	China	BO DAI	B	Honorable Mention
11143	KAIST	South Korea	Yong Jung Kim	B	Honorable Mention
11146	Shanghai Jiaotong University	P.R.China	Zhen Cui	B	Honorable Mention
11156	Institution of Mathematics;Northeastern University	China	Yun Yang	B	Honorable Mention
11157	Virtual reality and simulation;Northeastern	China	Feng Pan	B	Honorable Mention
11159	Nanjing Forestry University	China	Jianzhu Sun	B	Honorable Mention
11161	Virtual reality and simulation;Northeastern	China	Peng Ji	B	Honorable Mention
11163	Beijing University of Posts and	China	Shulan Li	B	Honorable Mention
11167	Industrial and Applied Mathematics;Northeastern	China	Xiaojun Lu	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11170	Peking University	China	Tao Li	B	Honorable Mention
11176	Nanjing University of Sci. & Tech.	China	Yuan Xu	B	Honorable Mention
11177	South China Normal University	China	Shaohui Zhang	B	Honorable Mention
11189	Nanjing University of Sci. & Tech.	China	Baocheng Li	B	Honorable Mention
11200	Central University of Finance and Economics	China	Huawei Fu	B	Honorable Mention
11204	Marshall University	USA	Carl Mummert	B	Honorable Mention
11222	Institution of Robot ;Northeastern University	China	Fei Wang	B	Honorable Mention
11229	School of Information Engineering, Hangzhou	China	Chunguo Zhang	B	Honorable Mention
11231	Guangdong University of Business Studies	China	Guanghui Chen	B	Honorable Mention
11249	Shandong University at Weihai	P.R.China	Luo Chang	B	Honorable Mention
11250	Beijing University of Posts and	China	Xiuqing Chen	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11252	Computer School,Sichuan University	China	chuan Lee	B	Honorable Mention
11270	University of Colorado	USA	Anne Dougherty	B	Honorable Mention
11274	University of Minnesota	USA	Irina Mitrea	B	Honorable Mention
11285	Wuhan University	China	Z.C. Luo	B	Honorable Mention
11298	MATH	China	YUE SUN	B	Honorable Mention
11302	MATH	China	WEIPING WANG	B	Honorable Mention
11319	Winthrop University	USA	Joseph Rusinko	B	Honorable Mention
11322	Loyola University Maryland	USA	Jiyuan Tao	B	Honorable Mention
11350	University of Science and Technology of China	China	JIANBO YE	B	Honorable Mention
11355	Appalachian State University	USA	Eric Marland	B	Honorable Mention
11362	Longwood University	USA	M. Leigh Lunsford	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11372	Zhejiang Gongshang University	P.R.China	Heng Zhao	B	Honorable Mention
11387	Tsinghua University	China	Wei Hu	B	Honorable Mention
11400	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention
11411	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention
11412	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention
11427	Austin Peay State University	USA	Ramanjit Sahi	B	Honorable Mention
11433	Seattle University	USA	Jeffery DiFranco	B	Honorable Mention
11435	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention
11436	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention
11437	Guangdong University Of Business Studies	China	Zhanyong Zou	B	Honorable Mention
11453	Beijing University of Posts and	China	Wenbo Zhang	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11505	Jiangxi University of Finance & Economics	China	Changshen Hua	B	Honorable Mention
11530	Tongji University	China	ZhiJian Qian	B	Honorable Mention
11535	Shenyang Aerospace University	China	Yubin Wu	B	Honorable Mention
11554	Mount Holyoke College	USA	Mark Peterson	B	Honorable Mention
11556	Universitas Pelita Harapan	Indonesia	Kie Van Saputra	B	Honorable Mention
11557	Universitas Pelita Harapan	Indonesia	Kie Van Saputra	B	Honorable Mention
11559	Shandong University	P.R.China	Puwen Wei	B	Honorable Mention
11561	Henan Normal University	China	Haiju Fan	B	Honorable Mention
11569	Seattle Pacific University	USA	Wai Lau	B	Honorable Mention
11576	Zhejiang University City College	PRC	Gui Wang	B	Honorable Mention
11579	Nanjing University	China	Qiang Chen	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11580	Dalian University	China	Jiatai Gang	B	Honorable Mention
11603	University of Pittsburgh	USA	Jonathan Rubin	B	Honorable Mention
11604	University of Pittsburgh	USA	Jonathan Rubin	B	Honorable Mention
11616	Towson University	USA	Alexei Kolesnikov	B	Honorable Mention
11624	Worcester Polytechnic Institute	USA	Burt Tilley	B	Honorable Mention
11625	York University	Canada	Jane Heffernan	B	Honorable Mention
11627	York University	Canada	Jane Heffernan	B	Honorable Mention
11633	Massachusetts Institute of Technology	USA	Martin Bazant	B	Honorable Mention
11634	Stanford	USA	Margot Gerritsen	B	Honorable Mention
11637	Massachusetts Institute of Technology	USA	Michael Sipser	B	Honorable Mention
11642	Pacific Lutheran University	USA	Tom Edgar	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11649	Richard Stockton College of New Jersey	USA	Brandy Rapatski	B	Honorable Mention
11655	Universiti Teknologi MARA	Malaysia	Ajab Akbarally	B	Honorable Mention
11669	Carroll College	USA	Mark Parker	B	Honorable Mention
11676	College of Light Industry,Hebei United University	P.R.China	Chunfeng Liu	B	Honorable Mention
11678	College of Light Industry,Hebei United University	P.R.China	Chunfeng Liu	B	Honorable Mention
11680	Shandong University of Science and Technology	China	Zhao Yijun	B	Honorable Mention
11681	Hebei United University	P.R.China	liu baoxiang	B	Honorable Mention
11682	College of Light Industry,Hebei United University	P.R.China	Liu Chunfeng	B	Honorable Mention
11708	School of Mathematical Science and Computing	China	Fuli He	B	Honorable Mention
11710	Central South University School of Mathematical	China	Hongyan Zhang	B	Honorable Mention
11714	National University of Singapore	Singapore	Defeng Sun	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11746	Western Connecticut State University	USA	Josephine Hamer	B	Honorable Mention
11748	Davidson College	USA	Timothy Chartier	B	Honorable Mention
11751	Davidson College	USA	Timothy Chartier	B	Honorable Mention
11752	Davidson College	USA	Laurie Heyer	B	Honorable Mention
11753	Davidson College	USA	Laurie Heyer	B	Honorable Mention
11754	Peking University	P.R.China	Jinyan Wang	B	Honorable Mention
11755	Davidson College	USA	Donna Molinek	B	Honorable Mention
11756	Davidson College	USA	Donna Molinek	B	Honorable Mention
11757	Stellenbosch University	South Africa	Willie Brink	B	Honorable Mention
11760	New Mexico Tech	USA	Brian Borchers	B	Honorable Mention
11762	Virginia Tech	USA	Henning Mortveit	B	Honorable Mention



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11763	Virginia Tech	USA	Lizette Zietsmsan	B	Honorable Mention
11779	Cornell University	USA	John Callister	B	Honorable Mention
11781	St. Mary's College of Maryland	USA	David Kung	B	Honorable Mention
11786	Saint Mary's College	USA	Steven Broad	B	Honorable Mention
11791	Siena Heights University	USA	Jeffrey Kallenbach	B	Honorable Mention
11796	Georgia Southern University	USA	Goran Lesaja	B	Honorable Mention
11802	Youngstown State University	USA	George Yates	B	Honorable Mention
11808	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Honorable Mention
11816	College of Wooster	USA	Drew Pasteur	B	Honorable Mention
11851	Jacksonville University	USA	Paul Crittenden	B	Honorable Mention
11859	Chongqing University of Science & Technology	P.R.China	Keren Li	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11872	Hunan University	China	Han Luo	B	Honorable Mention
11884	Zhejiang University	China	Xinxin Xu	B	Honorable Mention
11886	Zhejiang University	China	Zhiyi TAN	B	Honorable Mention
11898	Inner Mongolia University	China	Li Fengqin	B	Honorable Mention
11904	Inner Mongolia University	China	Ma Zhuang	B	Honorable Mention
11910	Institut Teknologi Bandung	Indonesia	Novriana Sumarti	B	Honorable Mention
11911	Helsinki Upper Secondary School of Mathematics	Finland	Ville Tilvis	B	Honorable Mention
11912	School of Mathematics of Shandong University	P.R.China	Chen Zhang	B	Honorable Mention
11918	Henan Normal University	China	Jin Zhang	B	Honorable Mention
11925	Henan Normal University	China	Ke Zhu	B	Honorable Mention
11930	Institut Teknologi Bandung	Indonesia	Agus Gunawan	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11931	Universitat Autònoma de Barcelona	Spain	Xavier Mora	B	Honorable Mention
11934	Universitat Autònoma de Barcelona	Spain	Xavier Mora	B	Honorable Mention
11955	Slippery Rock University	USA	Gary Roberts	B	Honorable Mention
11962	Eastern Michigan University	USA	Andrew Ross	B	Honorable Mention
11965	Ithaca College	USA	Bruce Thompson	B	Honorable Mention
11967	Johns Hopkins University	USA	Fred Torcaso	B	Honorable Mention
11971	Westminster College	USA	David Offner	B	Honorable Mention
11975	University of Cambridge	UK	Stephen Cowley	B	Honorable Mention
11986	Jacobs University Bremen	Germany	Peter Oswald	B	Honorable Mention
11989	University of Wisconsin-La Crosse	USA	Robert Allen	B	Honorable Mention
11990	Rose-Hulman Institute of Technology	USA	William Galinaitis	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11991	Jacobs University Bremen	Germany	Peter Oswald	B	Honorable Mention
12005	University of Missouri	USA	Ian Aberbach	B	Honorable Mention
12010	University of Saskatchewan	Canada	James Brooke	B	Honorable Mention
12011	University of Saskatchewan	Canada	James Brooke	B	Honorable Mention
12018	Pacific University	USA	Christine Guenther	B	Honorable Mention
12028	The George Washington University	USA	Daniel Ullman	B	Honorable Mention
12035	Asbury University	USA	Del Searls	B	Honorable Mention
12040	Emporia State University	USA	Brian Hollenbeck	B	Honorable Mention
12044	University of Minnesota	USA	Marc Riedel	B	Honorable Mention
12050	Hampden-Sydney College	USA	Marcus Pendergrass	B	Honorable Mention
12052	Hampden-Sydney College	USA	Marcus Pendergrass	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
12061	Trinity University	USA	Diane Saphire	B	Honorable Mention
12062	Oregon State University	USA	Nathan Gibson	B	Honorable Mention
12063	Oregon State University	USA	Nathan Gibson	B	Honorable Mention
12068	Seattle Pacific University	USA	Brian Gill	B	Honorable Mention
12077	North China Electric Power University	China	Hua Wu	B	Honorable Mention
12088	Nanjing Normal University	China	Xiaoqian Wang	B	Honorable Mention
12094	PLA University of Science and Technology	P.R.China	Shi Hansheng	B	Honorable Mention
12102	North China Electric Power University	China	Congzhi Huang	B	Honorable Mention
12107	Beloit College	USA	Darrah Chavey	B	Honorable Mention
12110	Harbin University of Science and Technology	P.R.China	Xianhua Song	B	Honorable Mention
12115	Rensselaer Polytechnic Institute	USA	Peter Kramer	B	Honorable Mention

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
12124	Huanghe Science & Technology College	China	jifu li	B	Honorable Mention
12125	Paivola School	Finland	Olli Etuaho	B	Honorable Mention
12138	FuJian Normal University	China	Shenggui Zhang	B	Honorable Mention
12139	National University of Ireland, Galway	Ireland	Jerome Sheahan	B	Honorable Mention
12145	FuJian Normal University	China	Changfeng Ma	B	Honorable Mention
12148	Eastern Oregon University	USA	Anthony Tovar	B	Honorable Mention
12162	Montana State University	USA	Christina Hayes	B	Honorable Mention
12169	Midlands Technical College	USA	John Long	B	Honorable Mention
12174	University of Illinois	USA	Zoi Rapti	B	Honorable Mention
12182	Westminster College	USA	Carolyn Cuff	B	Honorable Mention
8612	Zhongnan University of Economics and Law	P.R.China	Handong Luo	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8619	Macau University of Science and Technology	P.R.China	Shuoran Yu	B	Successful Participant
8627	Southwestern University of Finance and Economics	China	Jie Ma	B	Successful Participant
8628	Nankai University	China	Gang Hu	B	Successful Participant
8637	Nankai University	China	Kui Wang	B	Successful Participant
8638	Beijing Institute of Technology	China	Baokui Li	B	Successful Participant
8648	Northeastern University at Qinhuangdao	China	Jianbo Liu	B	Successful Participant
8668	Southwest Jiaotong University	China	JIAN YUAN	B	Successful Participant
8669	Southwest Jiaotong University	China	Tao Liang	B	Successful Participant
8671	Beijing Institute of Technology	China	Bing Sun	B	Successful Participant
8673	Southwestern University of Finance and Economics	China	Yunlong Sun	B	Successful Participant
8677	Nankai University	China	Mengjiao Shi	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8678	Nankai University	China	Changliang Zou	B	Successful Participant
8691	Beijing Forestry University of China	China	Jianxin Wang	B	Successful Participant
8693	SOFTWARE INSTITUTE OF DALIAN JIAOTONG	China	XIQI ZHANG	B	Successful Participant
8697	SiChuan University	China	Lamei He	B	Successful Participant
8703	Beijing Institute of Technology	China	Hai Jin	B	Successful Participant
8704	University of Science and Technology Beijing	China	Zhixing Hu	B	Successful Participant
8709	Xiamen University	China	Jinfa Cheng	B	Successful Participant
8711	Renmin University of China	China	Hua Cheng	B	Successful Participant
8721	Dalian Maritime University	China	Yun Zhang	B	Successful Participant
8733	Zhuhai Campus of Jinan University	China	Zhi-Wei Wang	B	Successful Participant
8736	Beijing Normal University	China	he qing	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8739	Nankai University	China	Jing Hu	B	Successful Participant
8740	Nankai University	China	Jing Hu	B	Successful Participant
8745	Dalian Maritime University	China	Yunjie Zhang	B	Successful Participant
8746	Nankai University	China	QiaoZhen Zhang	B	Successful Participant
8749	Beijing Institute of Technology	China	Hongbin Ma	B	Successful Participant
8750	Beijing Institute of Technology	China	Xue-Na Hu	B	Successful Participant
8753	Dalian Maritime University	China	Zhang Jie	B	Successful Participant
8755	Dalian Maritime University	China	Zhang Yunjie	B	Successful Participant
8760	Beijing Institute of Technology	China	Bing Sun	B	Successful Participant
8764	College of Information & Science Engineering,	China	Yulin Zhang	B	Successful Participant
8783	Harbin Institute of Technology	China	Hong Ge	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8787	Beijing Institute of Technology	China	Peng Cao	B	Successful Participant
8788	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
8807	Harbin Institute of Technology	China	Daohua Li	B	Successful Participant
8820	Harbin Institute of Technology	China	Guanghong Jiao	B	Successful Participant
8832	Harbin Institute of Technology	China	Xuefeng Wang	B	Successful Participant
8836	Harbin Institute of Technology	China	Yu Xiao	B	Successful Participant
8838	Harbin Institute of Technology	China	Zhenfeng Shi	B	Successful Participant
8850	Harbin Institute of Technology	China	Xianyu Meng	B	Successful Participant
8851	Harbin Institute of Technology	China	Xianyu Meng	B	Successful Participant
8855	Harbin Institute of Technology	China	Lili Zhang	B	Successful Participant
8857	Harbin Institute of Technology	China	Xiaoping Ji	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8863	Harbin Institute of Technology	China	Huiying Yin	B	Successful Participant
8903	Harbin Institute of Technology	China	Peng Wang	B	Successful Participant
8920	Harbin Institute of Technology	China	Fengchen Li	B	Successful Participant
8923	Harbin Institute of Technology	China	Shijun Ren	B	Successful Participant
8926	Yulin University	China	Pengfei Wan	B	Successful Participant
8936	ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY	China	li tao	B	Successful Participant
8943	Harbin Institute of Technology	China	Zhongyu Wang	B	Successful Participant
8961	Shanghai Jiao Tong University	China	Horst Hohberger	B	Successful Participant
8981	Harbin Institute of Technology	China	Xuanli Wu	B	Successful Participant
8996	Harbin Institute of Technology	China	Yi Sun	B	Successful Participant
8997	Harbin Institute of Technology	China	Huifeng Tan	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9002	Beijing Institute of Technology	P.R.China	Guifeng Yan	B	Successful Participant
9019	Harbin Institute of Technology	China	Yu Tian	B	Successful Participant
9020	Harbin Institute of Technology	China	Chong Wu	B	Successful Participant
9036	Harbin Institute of Technology	China	Fanyi Meng	B	Successful Participant
9071	Harbin Institute of Technology	China	Hongyu Zang	B	Successful Participant
9077	Harbin Institute of Technology	China	Shang Shouting	B	Successful Participant
9090	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
9091	Southwest University of Science and Technology	China	Xiaobo Guo	B	Successful Participant
9095	BeiJing Normal University-Hong Kong Baptist	China	Dennis Cheung	B	Successful Participant
9100	Beijing Normal University-Hong Kong Baptist	China	Ken Tsang	B	Successful Participant
9108	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9116	Dalian Maritime University	China	Shuqin Yang	B	Successful Participant
9118	Dalian Maritime University	China	Yang Shuqin	B	Successful Participant
9134	Soochow University	P.R.China	Zhiguo Wang	B	Successful Participant
9137	Soochow University	P.R.China	Lin Zhu	B	Successful Participant
9142	Soochow University	P.R.China	Lijun Ji	B	Successful Participant
9143	Soochow University	P.R.China	Moli Huang	B	Successful Participant
9155	Peking University	P.R.China	Minghua Deng	B	Successful Participant
9158	Peking University	P.R.China	Zijing Dong	B	Successful Participant
9161	Peking University	P.R.China	Yulong Liu	B	Successful Participant
9164	Peking University	P.R.China	Qiming Sun	B	Successful Participant
9165	Peking University	P.R.China	Zhangju Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9168	Jiading NO.1 High School	China	LiJuan Zhou	B	Successful Participant
9170	Jiading NO.1 High School	China	Zhi Yang	B	Successful Participant
9171	Jiading NO.1 High School	China	YaQing Gu	B	Successful Participant
9172	Jiading NO.1 High School	China	Yingxia Hu	B	Successful Participant
9173	Beijing Forestry University	P.R.China	Xiaochun Wang	B	Successful Participant
9176	Dalian Maritime University	China	Guoyan Chen	B	Successful Participant
9177	Dalian Maritime University	China	Guoyan Chen	B	Successful Participant
9179	China University of Petroleum	China	Yang Lei	B	Successful Participant
9181	Beijing Institute of Technology	China	Hai-Yan Jiang	B	Successful Participant
9184	Peking University	China	Bo Dai	B	Successful Participant
9185	Nankai University	China	Bing Xiang	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9187	China University of Petroleum	China	Liu Xinhai	B	Successful Participant
9189	China University of Petroleum	China	Zhou Shengtian	B	Successful Participant
9192	Nankai University	China	Bing Xiang	B	Successful Participant
9200	China University of Geosciences(Beijing)	China	Fengjie Geng	B	Successful Participant
9204	Dalian Maritime University	China	Na Chen	B	Successful Participant
9207	Dalian Maritime University	China	Naxin Chen	B	Successful Participant
9208	Dalian Maritime University	China	S. Yang	B	Successful Participant
9209	Dalian Maritime University	China	S. Yang	B	Successful Participant
9214	University of Science and Technology Beijing	China	Hui Wang	B	Successful Participant
9222	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Successful Participant
9223	University of Science and Technology Beijing	China	Ai Dongmei	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9225	Beijing Language and Culture University	China	Guilong Liu	B	Successful Participant
9226	Shandong University of Science and Technology	P.R.China	Xinzeng Wang	B	Successful Participant
9230	University of Science and Technology Beijing	China	Hui Wang	B	Successful Participant
9237	Naval Aeronautical and Astronautical University	China	Xijing Sun	B	Successful Participant
9239	Zhejiang Sci-Tech University	China	Jianming Dong	B	Successful Participant
9241	Naval Aeronautical and Astronautical University	China	Shoukui Si	B	Successful Participant
9244	Beijing Forestry University	China	Haiyan Wang	B	Successful Participant
9246	Naval Aeronautical and Astronautical University	China	Decun Zhang	B	Successful Participant
9247	Naval Aeronautical and Astronautical University	China	Decun Zhang	B	Successful Participant
9248	Naval Aeronautical and Astronautical University	China	Xiaoyun Zeng	B	Successful Participant
9252	Naval Academy	China	HUANG Liwei	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9254	Naval Academy	China	YIN Chengyi	B	Successful Participant
9263	China University Of Petroleum(East China)	China	Wang Ziting	B	Successful Participant
9265	Dalian Maritime University	China	Yunjie Zhang	B	Successful Participant
9273	Dalian Maritime University	China	Dong Yu	B	Successful Participant
9275	Sichuan Agricultural University	China	Huang hui	B	Successful Participant
9277	Sichuan Agricultural University	China	Shi xin	B	Successful Participant
9281	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
9282	China University of Geosciences(Beijing)	China	Haiying Wang	B	Successful Participant
9283	China University of Petroleum(East China)	China	Niu Qihua	B	Successful Participant
9296	University of Science and Technology of China	P.R.China	Lin Zheng	B	Successful Participant
9300	Huanggang Normal University	China	Zhibing Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9302	Xihua University	China	Jiafeng Ji	B	Successful Participant
9310	Beijing Language and Culture University	China	Xiaoxia Zhao	B	Successful Participant
9311	Beijing Language and Culture University	China	Xiaoxia Zhao	B	Successful Participant
9312	Guangxi University of Technology	China	Lihua Liu	B	Successful Participant
9314	Beijing Language and Culture University	China	Ping Yang	B	Successful Participant
9315	BEIHANG UNIVERSITY	China	Ying Gao	B	Successful Participant
9316	Renmin University of China	China	Song Han	B	Successful Participant
9318	Nankai University	China	Wenzhuang Zhu	B	Successful Participant
9321	University of Science and Technology of China	P.R.China	Wentao Guan	B	Successful Participant
9322	Xiamen University	China	Shiyin Li	B	Successful Participant
9341	Dalian Nationalities University	China	Fu Jie	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9345	Dalian Nationalities University	China	Chen Xingwen	B	Successful Participant
9347	Dalian Nationalities University	China	Liu Xiaodong	B	Successful Participant
9354	Dalian Nationalities University	China	Liu Xiangdong	B	Successful Participant
9359	Dalian Nationalities University	China	Yan Dejun	B	Successful Participant
9364	Dalian Nationalities University	China	Ge Rendong	B	Successful Participant
9370	Dalian Nationalities University	China	Wang Liming	B	Successful Participant
9376	University of Stirling	United Kingdom	Kelly Cline	B	Successful Participant
9377	University of Stirling	United Kingdom	Kelly Cline	B	Successful Participant
9393	Xi'an Jiaotong-Liverpool University	China	Hao Yu	B	Successful Participant
9394	Xi'an Jiaotong-Liverpool University	P.R.China	Zhu An-Yun	B	Successful Participant
9397	Xi'an Jiaotong-Liverpool University	China	Miaoxin Yao	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9398	Donghua University	China	Surong You	B	Successful Participant
9403	Xi'an Jiaotong-Liverpool University	China	Miaoxin Yao	B	Successful Participant
9404	Donghua University	China	Junmei Hou	B	Successful Participant
9406	Xi'an Jiaotong-Liverpool University	P.R.China	Wenbing Cai	B	Successful Participant
9409	Xi'an Jiaotong-Liverpool University	China	Xuanying Shen	B	Successful Participant
9411	Xi'an Jiaotong-Liverpool University	China	Xijuan Gong	B	Successful Participant
9412	Xi'an Jiaotong-Liverpool University	China	Xuanying Shen	B	Successful Participant
9413	Xi'an Jiaotong-Liverpool University	China	Xi Lin	B	Successful Participant
9416	Xi'an Jiaotong-Liverpool University	P.R.China	Heng Ge	B	Successful Participant
9417	Xi'an Jiaotong-Liverpool University	China	Xijuan Gong	B	Successful Participant
9418	Xi'an Jiaotong-Liverpool University	China	Qijian Xie	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9422	Xi'an Jiaotong-Liverpool University	P.R.China	Jianping Ge	B	Successful Participant
9425	Xi'an Jiaotong-Liverpool University	China	Jinsheng Pan	B	Successful Participant
9426	Xi'an Jiaotong-Liverpool University	China	Hongyun Xiong	B	Successful Participant
9429	Xi'an Jiaotong-Liverpool University	P.R.China	Peng Zhao	B	Successful Participant
9432	Xi'an Jiaotong-Liverpool University	China	Li Yan	B	Successful Participant
9439	Xi'an Jiaotong-Liverpool University	China	Zhanxian Wei	B	Successful Participant
9446	Xi'an Jiaotong-Liverpool University	China	Guorui Xie	B	Successful Participant
9453	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
9457	Zhong Nan Univesity Of Economics And Law	China	Ma Ming	B	Successful Participant
9458	Huazhong Agricultural University	P.R.China	Zhi Li	B	Successful Participant
9460	Shandong University of Science and Technology	P.R.China	Xinzeng Wang	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9469	Shanghai University	China	Wei Huang	B	Successful Participant
9470	Shanghai University	China	Wei Huang	B	Successful Participant
9472	Shanghai University	China	Yuandi Wang	B	Successful Participant
9474	Shanghai University	China	Donghua Wu	B	Successful Participant
9476	Shanghai University	China	Fuping Tan	B	Successful Participant
9487	Heilongjiang University	China	Hao CuiXia	B	Successful Participant
9488	HeiLongJiang University	China	Hao CuiXia	B	Successful Participant
9489	Zhejiang A & F University	China	Yu Guan	B	Successful Participant
9495	Northwest University	China	Wenhui Meng	B	Successful Participant
9499	Yucai High School	China	Zhenwei Yang	B	Successful Participant
9503	North China Electric Power University	China	Dianwei Qian	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9504	University of Science and Technology of China	China	Haitao Xu	B	Successful Participant
9515	Jilin University	China	Xianrui Lv	B	Successful Participant
9519	Nanjing University of Aeronautics and Astronautics	China	Zhengshen Wang	B	Successful Participant
9521	Shanghai University of Finance and Economics	China	Juqi Hu	B	Successful Participant
9526	Beihua University	China	Jiang Yuanzheng	B	Successful Participant
9528	Beihua University	China	Li Hui	B	Successful Participant
9533	University of Science and Technology of China	China	Chuan He	B	Successful Participant
9534	China Agricultural University	P.R.China	Zou Hui	B	Successful Participant
9537	shandong university of science and technology	China	Xiurong Guo	B	Successful Participant
9540	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Successful Participant
9555	China Agricultural University	P.R.China	Yang Jianping	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9558	China Agricultural University	P.R.China	Zou Hui	B	Successful Participant
9562	Shanghai University of Finance and Economics	China	Chengyuan Yin	B	Successful Participant
9563	Dianchi College, Yunnan University	P.R.China	Haiyan Li	B	Successful Participant
9570	School of Information Science and Engineering,	P.R.China	Guanghai Cai	B	Successful Participant
9572	school of information science and engineering,	P.R.China	JingJing Yang	B	Successful Participant
9575	School of information science and engineering,	P.R.China	Guanghai Cai	B	Successful Participant
9585	East China Normal University	China	xiaolong pu	B	Successful Participant
9593	Dalian University of Technology	China	Ning Ding	B	Successful Participant
9594	Dalian University of Technology	China	Ning Ding	B	Successful Participant
9596	Dalian University of Technology	China	Ning Ding	B	Successful Participant
9601	Dalian University of Technology	China	Tie Qiu	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9606	Dalian University of Technology	China	Kun Lu	B	Successful Participant
9608	Dalian University of Technology	China	Huang Hui	B	Successful Participant
9611	Dalian University of Technology	China	Fengqi Li	B	Successful Participant
9613	Dalian University of Technology	China	E Wang	B	Successful Participant
9614	Dalian University of Technology	China	Lechun Lin	B	Successful Participant
9619	Dalian University of Technology	China	Nanghai Yang	B	Successful Participant
9623	Shandong University China	P.R.China	XiJun Hu	B	Successful Participant
9624	Zhengzhou University	P.R.China	Judge Green	B	Successful Participant
9625	Shandong University	P.R.China	LIU Baodong	B	Successful Participant
9632	Shandong University	P.R.China	Ming Cui	B	Successful Participant
9649	ShanDong University of Science and Technology	China	Fa Lu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9652	Shandong University	P.R.China	DAI Hongjun	B	Successful Participant
9672	Chongqing University	P.R.China	Guanghai Huang	B	Successful Participant
9673	Shanghai University of Finance and Economics	China	Zhang An	B	Successful Participant
9674	Chongqing University	P.R.China	Guanghai Huang	B	Successful Participant
9677	East China Normal University	China	Gong Miaokun	B	Successful Participant
9679	Shandong University	P.R.China	Ren Xiumin	B	Successful Participant
9682	North China Electric Power University	P.R.China	Zhang Fan	B	Successful Participant
9685	Zhongnan University of Economic and Law	China	Shujian Xiang	B	Successful Participant
9693	ShanDong University of Science and Technology	China	Dezhi Gao	B	Successful Participant
9696	Shandong University	P.R.CHINA	YAN Shishen	B	Successful Participant
9700	North China Electric Power University	P.R.China	Ye Zhenjun	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9702	Shandong University	China	Junyi Liu	B	Successful Participant
9704	Peking University	China	Chunwei Song	B	Successful Participant
9705	North China Electric Power University	P.R.China	Peng Wuan	B	Successful Participant
9713	Shandong University	China	Xijun Hu	B	Successful Participant
9715	Beijing Information Science&Technology University	China	Haiyan Kang	B	Successful Participant
9718	Anhui University	China	Quanbing Zhang	B	Successful Participant
9719	Anhui University	China	Fei Zhang	B	Successful Participant
9720	Anhui University	China	Song Liu	B	Successful Participant
9721	Anhui University	China	Yi Wang	B	Successful Participant
9722	Anhui University	China	Sheng Yao	B	Successful Participant
9726	University of Science and Technology of China	P.R.CHINA	Xiaolei Chen	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9730	Shandong University at Weihai	China	Zhulou Hua Xiao	B	Successful Participant
9733	Shandong University at Weihai	P.R.China	Zhulou Jiaguo Liu	B	Successful Participant
9734	Shandong University at Weihai	China	Zhulou Cao	B	Successful Participant
9735	Shandong University at Weihai	China	Hua Xiao	B	Successful Participant
9736	Shandong University at Weihai	China	Bing Yang	B	Successful Participant
9737	Shandong University at Weihai	China	Bing Yang	B	Successful Participant
9741	Shandong University at Weihai	China	Bing Yang	B	Successful Participant
9743	Shandong University at Weihai	China	Bing Yang, Wei Sun	B	Successful Participant
9746	Shandong University	P.R.China	Yufeng Shi	B	Successful Participant
9747	Chengdu University of Information Technology	China	JIANCHEN HU	B	Successful Participant
9748	Shandon University	China	LIU Baodong	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9749	shanghai university	China	wang yifei	B	Successful Participant
9759	Anqing Teachers College	China	Zhangjie Peng	B	Successful Participant
9760	Beijing No. 4 High School	China	Rongqiang Ji	B	Successful Participant
9761	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
9763	Sichuan University, China	China	Yingyi Tan	B	Successful Participant
9770	Dalian Naval Academy	China	FENG Jie	B	Successful Participant
9771	Huazhong Agricultural University	P.R.China	Zhi Li	B	Successful Participant
9774	Shandong University	P.R.China	Jianliang Wu	B	Successful Participant
9786	Xi'an Jiaotong University	P.R.China	JIAYIN WANG	B	Successful Participant
9788	Xi'an Jiaotong University	P.R.China	JIAYIN WANG	B	Successful Participant
9796	Xi'an Jiaotong University	P.R.China	YUAN YI	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9797	Xi'an Jiaotong University	P.R.China	YUAN YI	B	Successful Participant
9805	HuaZhong Normal University	China	Bo Li	B	Successful Participant
9817	Institution of Software Chinese Academy of	China	Yongji Wang	B	Successful Participant
9820	Tongji University	China	Hualong Zhang	B	Successful Participant
9823	Tongji University	China	Xiongda Chen	B	Successful Participant
9835	Shenzhen polytechnic	China	Hong Zheng	B	Successful Participant
9836	Shenzhen polytechnic	China	Xiaohong Kang	B	Successful Participant
9853	Beijing Normal University	China	BO SUN	B	Successful Participant
9855	ShanDong University of Science and Technology	China	dong he	B	Successful Participant
9856	ShanDong University of China	China	Haodi Feng	B	Successful Participant
9863	Xi'an Jiaotong University	P.R.China	CHEN QIAO	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9865	Xi'an Jiaotong University	P.R.China	LIZHOU WANG	B	Successful Participant
9870	Sichuan University	China	Hai Niu	B	Successful Participant
9877	Jilin University	China	Xianghong Xu	B	Successful Participant
9878	Army Aviation Institute of the PLA.	China	Yongfeng Guo	B	Successful Participant
9880	Jilin University	China	Qingdao Huang	B	Successful Participant
9883	Jilin University	China	Shaoyun Shi	B	Successful Participant
9887	Jilin University	China	Youqing Ji	B	Successful Participant
9888	Beijing Jiaotong University	China	Bingtuan Wang	B	Successful Participant
9897	Beijing Jiaotong University	China	Bingtuan Wang	B	Successful Participant
9906	Beijing Jiaotong University	China	Minghui Liu	B	Successful Participant
9907	Jilin University	China	Hui Yin	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9911	Jilin University	China	Taishan Yang	B	Successful Participant
9921	Shandong University	China	Yang Liu	B	Successful Participant
9926	Fudan University	China	Jin Liu	B	Successful Participant
9929	Jilin University	China	Yue Lv	B	Successful Participant
9930	Jilin University	China	Yang Cao	B	Successful Participant
9936	Jilin University	China	Cailing Wang	B	Successful Participant
9943	Jilin University	China	Yongkui Zou	B	Successful Participant
9957	Jilin University	China	Fukang Zhu	B	Successful Participant
9962	Jilin University	China	Weiping Shi	B	Successful Participant
9964	Jilin University	China	Na Lei	B	Successful Participant
9965	Jilin University	China	Na Lei	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
9968	Jilin University	China	Chunguo Wu	B	Successful Participant
9970	Jilin University	China	Ju Qiu	B	Successful Participant
9983	Inner Mongolia University of Science & Techonolgy,	China	Tao Yu	B	Successful Participant
9987	Renmin University of China	China	Lifeng Zhang	B	Successful Participant
9993	Lanzhou University	China	Ze Zhao	B	Successful Participant
9995	harbin engineering university	P.R.China	wang shujuan	B	Successful Participant
10004	Zhengzhou University	China	Guifang Cheng	B	Successful Participant
10005	Lanzhou University	China	Ge Zhao	B	Successful Participant
10014	Lanzhou University	China	Chen Wang	B	Successful Participant
10020	harbin engineering university	P.R.China	sun guangyi	B	Successful Participant
10027	Harbin Engineering University	P.R.China	zheng xiongbo	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10028	Harbin Engineering University	P.R.China	zheng xiongbo	B	Successful Participant
10033	Zhejiang Industry & Trade Vocational College	China	Haizhou Mao	B	Successful Participant
10041	Lanzhou University	China	Tie Yuan	B	Successful Participant
10045	North China Electric Power University	P.R.China	Keming Zhang	B	Successful Participant
10053	Xi'an Jiaotong University	P.R.China	QIANG ZHANG	B	Successful Participant
10054	Xi'an Jiaotong University	P.R.China	QIANG ZHANG	B	Successful Participant
10055	Xi'an Jiaotong University	P.R.China	HAIFENG LIU	B	Successful Participant
10057	Xi'an Jiaotong University	P.R.China	QINGFANG LIU	B	Successful Participant
10058	Xi'an Jiaotong University	P.R.China	QINGFANG LIU	B	Successful Participant
10059	Xi'an Jiaotong University	P.R.China	Hongliang Lu	B	Successful Participant
10063	Tongji University	China	Xiaofei Guan	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10064	Tongji University	China	Jialiang Xiang	B	Successful Participant
10065	East China Normal University	China	Meirong Zhang	B	Successful Participant
10066	Tongji University	China	Hualong Zhang	B	Successful Participant
10067	Tongji University	China	Jin Liang	B	Successful Participant
10068	Shandong University of Science and Technology	China	Shi Yongkui	B	Successful Participant
10074	North China Electric Power University Baoding	China	PO ZHANG	B	Successful Participant
10083	shandong university of science and technology	China	Zhengbo Chang	B	Successful Participant
10094	Nanjing University of Posts and	China	You Wang	B	Successful Participant
10096	Nanjing University of Posts and	China	You Wang	B	Successful Participant
10097	Peking University	China	Ruo Li	B	Successful Participant
10099	Nanjing University of Posts and	China	Wang Youguo	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10106	Nanjing University of Posts and	China	Kong Hua	B	Successful Participant
10108	CHANG'AN Universiy	China	Wang Kaiming	B	Successful Participant
10112	CHANG'AN Universiy	China	Ren Limei	B	Successful Participant
10114	CHANG'AN Universiy	China	Xue Hongzhi	B	Successful Participant
10122	Beijing University of Posts and	China	Zuguo He	B	Successful Participant
10127	harbin engineering university	P.R.China	zhu lei	B	Successful Participant
10130	harbin engineering university	P.R.China	zhang xiaowei	B	Successful Participant
10135	harbin engineering university	P.R.China	luo yuesheng	B	Successful Participant
10145	harbin engineering university	P.R.China	xu liyan	B	Successful Participant
10148	harbin engineering university	P.R.China	li bin	B	Successful Participant
10159	East China Normal University	China	pan yu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10166	harbin engineering university	P.R.China	wang ligang	B	Successful Participant
10172	Capital University of Economics and Bussiness	China	Fang Xing	B	Successful Participant
10175	harbin engineering university	P.R.China	feng guofeng	B	Successful Participant
10178	harbin engineering university	P.R.China	xu xinjun	B	Successful Participant
10179	harbin engineering university	P.R.China	xu xinjun	B	Successful Participant
10191	Xi'an Jiaotong University	P.R.China	ZHENGCE ZHANG	B	Successful Participant
10206	Beijing Jiaotong University	China	Yongsheng Wei	B	Successful Participant
10218	Beijing Normal University	China	yun tian	B	Successful Participant
10225	Beijing Jiaotong University	China	Keqiang Dong	B	Successful Participant
10233	Southwestern University of Finance and Economics	P.R.China	Dai Dai	B	Successful Participant
10240	Shandong University of Science and Technology	China	tongqian zhang	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10244	Kinnaird College for Women	Pakistan	Malik Jahan	B	Successful Participant
10246	University of Science and Technology	P.R.China	Minjie Zhu	B	Successful Participant
10251	Nanjing University	China	Weihua Huang	B	Successful Participant
10258	centual university of economics and finance	China	Philip Dai	B	Successful Participant
10259	Zhongnan University of Economics and Law	China	Guoguang Yan	B	Successful Participant
10265	Shanghai University of Finance & Economics	China	Ying Chen	B	Successful Participant
10274	Nankai University	China	Wei Zhong	B	Successful Participant
10276	Nankai University	China	QiaoZhen Zhang	B	Successful Participant
10281	Shanghai University	China	Youhua He	B	Successful Participant
10284	Beijing Normal University	China	Yong Li	B	Successful Participant
10285	Nanjing Xiaozhuang University	China	Beiyi Tian	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10290	Tsinghua University	China	Liping Zhang	B	Successful Participant
10291	East China Normal University	China	Fuyong Wan	B	Successful Participant
10296	Nanjing University of Information Science &	China	Changna Lu	B	Successful Participant
10297	Academy of Armored Force Engineering	China	De Han	B	Successful Participant
10315	Ludong University	China	Zhai Jingang	B	Successful Participant
10316	Ludong University	China	Zhai Jingang	B	Successful Participant
10328	Zhengzhou Information Science and Technology	P.R.China	Jianping Du	B	Successful Participant
10337	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
10339	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
10340	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
10342	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10343	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Successful Participant
10344	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Successful Participant
10353	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Successful Participant
10355	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
10357	Nanjing University of Posts&Telecommunications	P.R.China	J YE	B	Successful Participant
10363	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
10364	Nanjing University of Posts&Telecommunications	P.R.China	J YE	B	Successful Participant
10366	Anshan Normal University	P.R.China	Baorui Liu	B	Successful Participant
10367	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
10368	Anshan Normal University	P.R.China	Chun Zhang	B	Successful Participant
10369	Anshan Normal University	P.R.China	Shuang Liu	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10375	Dalian University of Technology	P.R.China	Lin Feng	B	Successful Participant
10382	Dalian University of Technology	P.R.China	Dongjuan Fu	B	Successful Participant
10383	Dalian University of Technology	P.R.China	Dongjuan Fu	B	Successful Participant
10385	Dalian University of Technology	P.R.China	Zhenyu Wu	B	Successful Participant
10390	Dalian University of Technology	P.R.China	Tao Sun	B	Successful Participant
10395	Dalian University of Technology	P.R.China	Liang Zhang	B	Successful Participant
10402	Ningbo University	China	Jianfeng Li	B	Successful Participant
10404	Ningbo University	China	Chendong Xu	B	Successful Participant
10406	Ningbo University	China	Xiaomin Zhang	B	Successful Participant
10416	Beijing Normal University	China	Wenyi Zeng	B	Successful Participant
10419	Jinshan College of Fujian Agriculture and Forestry	China	Lurong Wu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10431	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
10446	University of Science and Technology of China	China	Dan She	B	Successful Participant
10448	Wuhan University	China	Zhuangchu Luo	B	Successful Participant
10450	Shenyang Aerospace University	China	Jinghua Han	B	Successful Participant
10455	Shenyang Aerospace University	China	Juhe Sun	B	Successful Participant
10464	Capital University of Economics and business	China	Li Nie	B	Successful Participant
10465	High School Affiliated to Fudan University	China	Ding Heng	B	Successful Participant
10479	South China Normal University	China	Hunan Li	B	Successful Participant
10482	South China Normal University	China	Xiuxiang Liu	B	Successful Participant
10485	South China Normal University	China	Liuqiang Zhong	B	Successful Participant
10490	Shandong University Software College	China	Ming Sun	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10495	Peking University	China	Ming Xie	B	Successful Participant
10503	Central University of Finance and Economics	China	jiang zijiao	B	Successful Participant
10504	Shanghai University of Finance and Economics	China	Longbing Xu	B	Successful Participant
10506	Northwest A & F University	China	Chen Jin	B	Successful Participant
10509	Peking	China	YuLong Liu	B	Successful Participant
10513	Nantong University	China	Xunqian Xu	B	Successful Participant
10517	Nantong University	China	Yueping Zhu	B	Successful Participant
10527	HKBU	China	Wai Chee Shiu	B	Successful Participant
10531	HKBU	China	Ka Ho Law	B	Successful Participant
10535	Shandong University of Technology	China	Hongkui Li	B	Successful Participant
10537	South China University of Technology	China	Shenquan Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10540	Renmin University of China	China	Chunhua Zhang	B	Successful Participant
10544	Sun Yat-sen University, Mainland of China	China	Junyu Zhang	B	Successful Participant
10552	Tsinghua University	P.R.China	Jun Ye	B	Successful Participant
10554	Chengdu University of Technology	China	Lin Bai	B	Successful Participant
10555	Guilin University of Technology	China	Yuanying Jiang	B	Successful Participant
10558	Sichuan University	China	Lingna Liao	B	Successful Participant
10562	Nankai University	China	Xiaoting Yang	B	Successful Participant
10573	Beijing No.4 High School	China	JinLi Miao	B	Successful Participant
10576	Harbin University of Science and Technology	P.R.China	Wei Sun	B	Successful Participant
10582	University of International Business and Economics	China	Baimin Yu	B	Successful Participant
10588	South China University of Technology	China	Yongan Qin	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10589	South China University of Technology	China	Yongan Qin	B	Successful Participant
10591	South China University of Technology	China	Ping Huang	B	Successful Participant
10593	Peking University	China	zichun ye	B	Successful Participant
10596	National University of Singapore	Singapore	Brett McInnes	B	Successful Participant
10598	Shanghai Finance University	China	Hongcheng Li	B	Successful Participant
10601	Shanghai Finance University	China	Rongqiang Che	B	Successful Participant
10605	Shanghai Finance University	China	Yong Fang	B	Successful Participant
10610	Shanghai Finance University	China	Yumei Liang	B	Successful Participant
10613	University of Science and Technology of China	China	Yi Xia	B	Successful Participant
10616	ShangHai University of Finance & Economy	China	Yang Bai	B	Successful Participant
10618	Zhejiang Normal University	China	xinzhong Lu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10621	Zhejiang Normal University	China	Yunlan Pang	B	Successful Participant
10622	Shanghai Finance University	China	Zhengyi Jiang	B	Successful Participant
10623	Zhejiang Normal University	China	Jianfei Wang	B	Successful Participant
10633	South China Normal University	China	Tan Yang	B	Successful Participant
10634	Zhejiang Normal University	China	Maoqing Zhao	B	Successful Participant
10636	Zhejiang Normal University	China	Guolong He	B	Successful Participant
10637	Zhejiang Normal University	China	Dong Chen	B	Successful Participant
10639	Beijing University of Technology	China	Shilin Yang	B	Successful Participant
10642	East China Normal University	China	Gong Fengfei	B	Successful Participant
10646	Shandong University	China	Du Ning	B	Successful Participant
10647	University of Science and Technology of China	China	Kai Chen	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10648	Zhongnan University of Economics and Law	China	Hao Yang	B	Successful Participant
10666	School of Science, Wuhan University of Technology	China	Liu Yang	B	Successful Participant
10667	South China Normal University	China	Hunan Li	B	Successful Participant
10668	School of Science, Wuhan University of Technology	China	He Lang	B	Successful Participant
10671	School of Science, Wuhan University of Technology	China	Chen Jianye	B	Successful Participant
10674	School of Science, Wuhan University of Technology	China	Zhou Jun	B	Successful Participant
10677	School of Science, Wuhan University of Technology	China	Zhu Huiying	B	Successful Participant
10683	Teacher's College of Beijing Union University	China	Xiaoxi Zhang	B	Successful Participant
10693	South China University of Technology	China	Rui Kuang	B	Successful Participant
10694	South China University of Technology	China	Qing Liu	B	Successful Participant
10695	North China Electric Power University	P.R.China	Yong Xuelin	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10700	South China University of Technology	China	Xinhui Mao	B	Successful Participant
10701	South China University of Technology	China	Xinhui Mao	B	Successful Participant
10707	Harbin University of Science and Technology	P.R.China	Hui Bi	B	Successful Participant
10708	GuangDong University of Technology	China	zhenyou wang	B	Successful Participant
10710	Harbin University of Science and Technology	P.R.China	Xianhua Song	B	Successful Participant
10712	GuangDong University of Technology	China	zhenyou wang	B	Successful Participant
10714	SOUTH CHINA NORMAL UNIVERSTIY	P.R.CHINA	Lianzu Jiao	B	Successful Participant
10721	Binzhou University	China	Xia Song	B	Successful Participant
10723	Air Force Engineering University	China	Youqian Feng	B	Successful Participant
10724	Air Force Engineering University	China	Bingjie Li	B	Successful Participant
10727	Air Force Engineering University	China	Fangchi Liang	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10728	Northeastern University,China	China	Shan Ding	B	Successful Participant
10730	Peking University	P.R.China	JIAZHONG YANG	B	Successful Participant
10748	Central University of Finance and Economics	China	Aihua Li	B	Successful Participant
10760	SUNY Fredonia	USA	Robert Rogers	B	Successful Participant
10762	Beihang University	China	Zengchang Qin	B	Successful Participant
10768	Shenyang University	P.R.China	WANG HUI	B	Successful Participant
10777	Heilongjiang Bayi Agricultural University	China	Xiaojing Zhou	B	Successful Participant
10786	Shanghai Finance University	China	Chungen Shen	B	Successful Participant
10788	National University of Defense Technology	China	Zenghui Zhang	B	Successful Participant
10792	National University of Defense Technology	China	Zenghui Zhang	B	Successful Participant
10801	Software School of Hunan University	China	Zheng Qin	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10802	Beijing Normal University	P.R.CHINA	Yuejing Ge	B	Successful Participant
10804	National University of Defense Technology	China	XJ Duan	B	Successful Participant
10815	National University of Defense Technology	China	Yi Wu	B	Successful Participant
10829	ZhengZhouXinXiGongChengDaXue	China	Feng Zheng	B	Successful Participant
10841	Zhejiang University of Technology	P.R.China	Wenxin Zhuo	B	Successful Participant
10843	Shanghai University of Finance and Economics	China	Anxing Wang	B	Successful Participant
10844	Zhejiang Gongshang University	P.R.China	Ding Zhengzhong	B	Successful Participant
10862	Hengshui University,China	China	Lianqiu Wei	B	Successful Participant
10868	Shenyang Normal University	China	desheng Li	B	Successful Participant
10874	Shenyang Normal University	China	yan hao	B	Successful Participant
10875	Shenyang Normal University	China	zhaodi xu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10891	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Successful Participant
10894	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Jianhua Yuan	B	Successful Participant
10904	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Jinkou Ding	B	Successful Participant
10909	Xidian University	China	Wei LI	B	Successful Participant
10918	Beijing Univ. of Posts & Telecomm.	China	Xiaoxia Wang	B	Successful Participant
10921	Beijing Univ. of Posts & Telecomm.	China	Jianhua Yuan	B	Successful Participant
10923	Capital University of Economics and Business	China	Tao Chen	B	Successful Participant
10926	Beijing Univ. of Posts & Telecomm.	China	Jinghua Xiao	B	Successful Participant
10928	Beijing Univ. of Posts & Telecomm.	China	Xueli Wang	B	Successful Participant
10931	Beijing Univ. of Posts & Telecomm.	China	Lixia Wang	B	Successful Participant
10933	Beijing Univ. of Posts & Telecomm.	China	Xinchao Zhao	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10939	Shanghai Jiaotong University	P.R.China	Yumei Xin	B	Successful Participant
10942	China University of Petroleum-Beijing	China	Yang Gao	B	Successful Participant
10951	Shanghai Jiaotong University	P.R.China	Jianzhong Lin	B	Successful Participant
10953	Shanghai Jiaotong University	P.R.China	Jianzhong Lin	B	Successful Participant
10957	Shanghai Jiaotong University	P.R.China	Zhuling Sun	B	Successful Participant
10959	Shanghai Jiaotong University	P.R.China	Zhuling Sun	B	Successful Participant
10965	Henan Normal University	China	Zhan-ao Xue	B	Successful Participant
10969	USTC	China	Jun Ma	B	Successful Participant
10978	College of Information Science and Engineering;	China	Peifeng Hao	B	Successful Participant
10979	University of Science and Technology of China	P.R.China	WEILUO REN	B	Successful Participant
10985	Xidian University	China	Guoping YANG	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
10988	Xidian University	China	Jimin Ye	B	Successful Participant
10989	Tsinghua University	China	Zhiming Hu	B	Successful Participant
10992	Shanghai Jiaotong University	P.R.China	Liuqing Xiao	B	Successful Participant
10993	Shanghai Jiaotong University	P.R.China	Liuqing Xiao	B	Successful Participant
10994	Shanghai Nan Yang Model High School	China	Tuqing Cao	B	Successful Participant
11001	Institution of Maths ; Northeastern University	China	Xiangde Zhang	B	Successful Participant
11010	Institute of Computer System; Northeast University	China	Huilin Liu	B	Successful Participant
11011	Institute of Computer System; Northeast University	China	Huilin Liu	B	Successful Participant
11016	Shanghai Jiaotong University	P.R.China	Jianqi Yu	B	Successful Participant
11019	Tianjin University, China	P.R.China	Zhenghai Huang	B	Successful Participant
11023	East China Normal University	China	Jinkui Xie	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11024	Tianjin University, China	P.R.China	Yan Tang	B	Successful Participant
11030	Tianjin University, China	P.R.China	Zehua Zhou	B	Successful Participant
11031	Tianjin University, China	P.R.China	Zehua Zhou	B	Successful Participant
11032	Tianjin University, China	P.R.China	Honggang Zeng	B	Successful Participant
11033	Shanghai Jiaotong University	P.R.China	Liping He	B	Successful Participant
11040	Zhejiang Normal University	China	yuehua Bu	B	Successful Participant
11041	Zhejiang Normal University	China	Zifei Shen	B	Successful Participant
11043	Zhejiang Normal University	China	Xiubin Xu	B	Successful Participant
11058	Hefei University of Technology	P.R.China	Tong Li	B	Successful Participant
11060	Hefei University of Technology	P.R.China	Guiqing Liu	B	Successful Participant
11066	Chongqing Jiaotong University	China	Leina Zhao	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11071	Beijing University of Technology	China	Yi Xue	B	Successful Participant
11081	China University of Mining and Technology	China	Xiaobo Yin	B	Successful Participant
11082	China University of Mining and Technology	China	Xiaobo Yin	B	Successful Participant
11083	China University of Mining and Technology	China	Yunshan Fu	B	Successful Participant
11085	China University of Mining and Technology	China	Yunshan Fu	B	Successful Participant
11086	East China Normal Univ.	China	Fuyong Wan	B	Successful Participant
11091	Northeast Agricultural University	China	Zhanguo Zhang	B	Successful Participant
11100	Shanghai Jiaotong University	P.R.China	Jin Zeng	B	Successful Participant
11102	Southwest University	China	Chunlei Tang	B	Successful Participant
11103	Tsinghua Univ.	China	Zongxia Liang	B	Successful Participant
11111	Southwest University	China	Jianjun Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11112	University of Science and Technology of China	P.R.China	Sanxi Yao	B	Successful Participant
11113	Nanchang University	P.R.China	Xianjiu Huang	B	Successful Participant
11114	South China Normal University	China	Liuqiang Zhong	B	Successful Participant
11116	Nanchang University	P.R.China	Chen Tao	B	Successful Participant
11117	Nanchang University	P.R.China	Yuchao Tang	B	Successful Participant
11127	Shanghai Jiaotong University	P.R.China	Jiyou Li	B	Successful Participant
11133	Xuzhou Institute of Technology	P.R.China	Li Subei	B	Successful Participant
11140	Zhejiang Gongshang University	P.R.China	Jiukun Hua	B	Successful Participant
11141	Zhejiang Gongshang University	P.R.China	Jiukun Hua	B	Successful Participant
11142	Qujing Normal University,Yunnan,China	China	Liu Jun	B	Successful Participant
11148	Shanghai Jiaotong University	P.R.China	Jian Wang	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11158	Virtual reality and simulation;Northeastern	China	Feng Pan	B	Successful Participant
11162	Key Laboratory of Medical Image Computing;	China	Wenjun Tan	B	Successful Participant
11173	Shanghai Jiaotong University	P.R.China	Cunqing Zhou	B	Successful Participant
11197	North University of China	PRC	Wang Peng	B	Successful Participant
11201	Sun Yat-sen University	China	Yue Zheng	B	Successful Participant
11206	Macalester College	USA	Daniel Kaplan	B	Successful Participant
11207	Shaanxi University of Science and Technology	PRC	Zaien HOU Zhouping	B	Successful Participant
11208	Shaanxi University of Science and Technology	PRC	Zhouping Xiaolin LIN	B	Successful Participant
11209	Shaanxi University of Science and Technology	PRC	Xiaolin LIN Zaien HOU	B	Successful Participant
11210	Hangzhou Dianzi University	China	Zheyong Qiu	B	Successful Participant
11220	Computing Mathematics ;Northeastern University	China	Xinhui Shao	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11223	Pattern Recognition ;Northeastern University	China	Shiguang Wen	B	Successful Participant
11235	Information Science and Technology Institute of	China	Kailin Luo	B	Successful Participant
11238	Shandong University	China	Feng Haodi	B	Successful Participant
11242	Hebei University of Technology	China	Xianzhou Guo	B	Successful Participant
11243	Inner Mongolia Finance and Economics College	China	Mingyuan Li	B	Successful Participant
11246	The University of Hong Kong	China	Yat-Ming Chan	B	Successful Participant
11248	Shandong University at Weihai	P.R.China	Luo Chang	B	Successful Participant
11251	University of Science and Technology of China	China	Peng Jiang	B	Successful Participant
11255	Inner Mongolia Finance and Economics College	China	Ximing Lv	B	Successful Participant
11256	Shandong University at Weihai	China	Jiaguo Liu	B	Successful Participant
11257	Shandong University at Weihai	China	Jiaguo Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11259	Inner Mongolia Finance and Economics College	China	Jiezeng Qiao	B	Successful Participant
11261	Shandong University at Weihai	P.R.China	Jintao Wang	B	Successful Participant
11262	Shandong University at Weihai	China	Jintao Wang	B	Successful Participant
11265	Shandong University at Weihai	China	Yongping Zhang	B	Successful Participant
11268	Shandong University at Weihai	China	Bin Li	B	Successful Participant
11288	Xuzhou Air Force College	P.R.China	Hao Jianzhong	B	Successful Participant
11291	Civil Aviation University Of China	China	Shan Liu	B	Successful Participant
11294	Beihang University	China	Ruiying Li	B	Successful Participant
11299	MATH	China	YUE SUN	B	Successful Participant
11305	Yunnan University	China	yue zhao	B	Successful Participant
11306	Shanghai University of Finance and Economics	China	Mei Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11308	East China Normal University	China	ZhiPing Lu	B	Successful Participant
11316	Colorado College	USA	Amelia Taylor	B	Successful Participant
11335	Beijing University of Posts and	China	XinChao Zhao	B	Successful Participant
11349	Jiangsu University	P.R.China	Li Yimin	B	Successful Participant
11351	Virginia Western	USA	Ruth Sherman	B	Successful Participant
11352	Wake Forest University	USA	Miaohua Jiang	B	Successful Participant
11357	Wuhan University	China	Aijiao Deng	B	Successful Participant
11374	University of International Business and Economics	China	Liu Min	B	Successful Participant
11379	University of Southern California	USA	Chunming Wang	B	Successful Participant
11383	Agricultural University of Hebei--China	China	bo Zhang	B	Successful Participant
11393	Tsinghua University	China	Zhuo Chen	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11397	Beijing University of Posts and	China	Wenbo Zhang	B	Successful Participant
11410	University of Science and Technology of China	P.R.China	Weijian Chen	B	Successful Participant
11420	Benedict College	USA	Naima Naheed	B	Successful Participant
11421	Gettysburg College	USA	Benjamin Kennedy	B	Successful Participant
11451	Beijing University of Posts and	China	Wenbo Zhang	B	Successful Participant
11452	Beijing University of Posts and	China	Wenbo Zhang	B	Successful Participant
11455	Hebei University	P.R.CHINA	Qiang HUA	B	Successful Participant
11457	Beijing No. 4 High School	China	Rongqiang Ji	B	Successful Participant
11459	Sonoma State University	USA	Brigitte Lahme	B	Successful Participant
11463	Guangxi University	P.R.China	Zhongxing Wang	B	Successful Participant
11465	Guangxi University	P.R.China	Xiaoceng Wu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11467	Guangxi University	P.R.China	Ruxue Wu	B	Successful Participant
11472	South China Normal University	China	Hunan Li	B	Successful Participant
11476	NanJing University, China	China	Dong Miao	B	Successful Participant
11497	Nankai University	China	Tonghua Li	B	Successful Participant
11499	Harbin Institute of Technology	China	Rongning Qu	B	Successful Participant
11501	Shandong University of Science and Technology	P.R.China	Xiangyun Lin	B	Successful Participant
11502	Beijing Forestry University	China	Quandong Feng	B	Successful Participant
11507	The University Of Nanchang	China	HELEI WU	B	Successful Participant
11511	Gannan Normal University	China	Xu Jingfei	B	Successful Participant
11524	Shanghai University of Finance and Economics	China	hua guo bin	B	Successful Participant
11526	Shenyang Aerospace University	China	Weifang Liu	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11527	Shenyang Aerospace University	China	Yunqing Chen	B	Successful Participant
11531	Central University of Finance and Economics	China	Xiaoming Fan	B	Successful Participant
11539	Shenyang Aerospace University	China	Dan Wang	B	Successful Participant
11549	Beihang University	China	Wei Feng	B	Successful Participant
11553	Shandong University	China	Chengyu Hu	B	Successful Participant
11565	Yunnan University	China	Hanchun Yang	B	Successful Participant
11566	Beijing Normal University	China	Chun Yang	B	Successful Participant
11570	Xiamen University	China	Shaobin Tan	B	Successful Participant
11581	Dalian University	China	Jiatai Gang	B	Successful Participant
11582	Whuhan University	China	Zhuangchu LUO	B	Successful Participant
11583	Dalian University	China	Xinxin Tan	B	Successful Participant

## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11584	Dalian University	China	Xinxin Tan	B	Successful Participant
11589	Dalian University	China	Guangzhi Liu	B	Successful Participant
11594	City University of Hong Kong	China	Jonathan Wylie	B	Successful Participant
11597	Nanjing University of Posts and	China	Kong Hua	B	Successful Participant
11600	Harbin Institute of Technology	China	Rongning Xiaofang Li	B	Successful Participant
11619	Grand View University	USA	Sergio Loch	B	Successful Participant
11620	Virginia Western	USA	Steve Hammer	B	Successful Participant
11623	Colby College	USA	Jan Holly	B	Successful Participant
11631	Centenary College of Louisiana	USA	Mark Goadrich	B	Successful Participant
11643	Mercer University	USA	Audrey Malagon	B	Successful Participant
11645	Mount St. Mary's University	USA	Brian Heinold	B	Successful Participant



## 2011 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
11653	Xuzhou Air Force College	P.R.China	Liu Gang	B	Successful Participant
11656	China University of Petroleum-Beijing	China	Lixia Zhi	B	Successful Participant
11661	Dalian Neusoft Institute of Information	P.R.China	Meng Liu	B	Successful Participant
11664	Hebei United University	P.R.China	baoxiang liu	B	Successful Participant
11672	Carroll College	USA	Phil Rose	B	Successful Participant
11673	Hebei United University	P.R.China	baoxiang liu	B	Successful Participant
11683	South Western University of Finance and	China	Qing Li	B	Successful Participant
11686	Fudan University	China	Hongwei Lou	B	Successful Participant
11694	Nanjing College of Information Technology	China	Gang Wang	B	Successful Participant
11699	Xiamen University	China	Shuping Li	B	Successful Participant
11701	Shanghai Jiao Tong University	China	Bo Yuan	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11702	Central South University School of Mathematical	China	Weijun Deng	B	Successful Participant
11703	Nanjing University of Posts and	P.R.China	Zhonghua Qiu	B	Successful Participant
11706	Central South University School of Mathematical	China	Kunnan Yi	B	Successful Participant
11712	Central South University School of Information	China	H.Y. Zhang	B	Successful Participant
11719	SHANGHAI UNIVERSITY OF FINANCE AND	China	YAJING WANG	B	Successful Participant
11720	NANJING UNIVERSITY	China	Qin Liu	B	Successful Participant
11722	Fudan University	China	Shang Wei Xing	B	Successful Participant
11725	Beijing Univ. of Posts & Telecomm.	China	Shaosheng Li	B	Successful Participant
11726	Ningbo Institute of Technology, Zhejiang University	China	Lihui Tu	B	Successful Participant
11729	Taiyuan University of Technology	China	Ming Li	B	Successful Participant
11733	Southwestern University of Finance and Economics	China	Nengsheng Fang	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11734	Ningbo Institute of Technology, Zhejiang University	China	Jufeng Wang	B	Successful Participant
11736	Taiyuan University of Technology	China	Runling An	B	Successful Participant
11739	Taiyuan University of Technology	China	Lina Guo	B	Successful Participant
11744	Central University of Finance and Economics	China	Shanghai Jia	B	Successful Participant
11773	Clarion University of PA	USA	David Hipfel	B	Successful Participant
11780	St. Mary's College of Maryland	USA	David Kung	B	Successful Participant
11788	Worcester Polytechnic Institute	USA	Suzanne Weekes	B	Successful Participant
11794	Gonzaga University	USA	Logan Axon	B	Successful Participant
11803	University of Nevada, Reno	USA	Satoko Kurita	B	Successful Participant
11805	Pacific Lutheran University	USA	Jeffrey Stuart	B	Successful Participant
11825	Shanghai Nanyang Model High School	P.R.China	Liuqing Xiao	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11836	Whittier College	USA	William Kronholm	B	Successful Participant
11841	Sichuan University	P.R.China	Jie Zhou	B	Successful Participant
11847	Shanghai University of Finance and Economics	China	Lili Wang	B	Successful Participant
11852	Wuhan University Of Science and Technology	China	Li Ming Feng Yuqiang	B	Successful Participant
11871	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
11873	Hunan University	China	Yichao Chen	B	Successful Participant
11874	Huanghe Science & Technology College	China	yanqin ma	B	Successful Participant
11875	Hunan University	China	Zhiqiang You	B	Successful Participant
11878	Hunan University	China	Xianxia Liu	B	Successful Participant
11879	Shandong University	China	GAO XIAOCHENG	B	Successful Participant
11888	Zhejiang University	China	Yan WANG	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11891	Inner Mongolia University	China	Li Fengqin	B	Successful Participant
11894	Shandong university	China	Dayong Cui	B	Successful Participant
11901	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Successful Participant
11915	Henan Normal University	China	Xinkuan Chai	B	Successful Participant
11916	Henan Normal University	China	Limin Liu	B	Successful Participant
11923	University of Science and Technology of China	China	Shan Huang	B	Successful Participant
11926	Ningbo University	China	Lihong Wang	B	Successful Participant
11928	Henan Normal University	China	Ke Zhu	B	Successful Participant
11941	Zhongnan University of Economics and Law	P.R.China	Shujian Xiang	B	Successful Participant
11947	University of Science and Technology of China	P.R.CHINA	Wei Wu	B	Successful Participant
11952	Slippery Rock University	USA	Robert Vallin	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
11957	RENMIN UNIVERSITY OF CHINA	China	WEI XU	B	Successful Participant
11970	Shenyang University of Technology	China	Bo Wang	B	Successful Participant
11979	Jacksonville University	USA	William Lane	B	Successful Participant
12003	Evanston Township High School	USA	Mark Vondracek	B	Successful Participant
12009	Coe College	USA	Jonathan White	B	Successful Participant
12014	Hood College	USA	James Parson	B	Successful Participant
12029	Asbury University	USA	David Coulliette	B	Successful Participant
12039	UC Irvine	USA	Sarah Eichhorn	B	Successful Participant
12048	Youngstown State University	USA	Thomas Wakefield	B	Successful Participant
12060	Trinity University	USA	Peter Olofsson	B	Successful Participant
12080	Georgetown University	USA	Andrew Vogt	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
12087	School of Mathematics, Nanjing Normal University	P.R.China	Qunsheng Zhu	B	Successful Participant
12090	School of Mathematics, Nanjing Normal University	P.R.China	Qunsheng Zhu	B	Successful Participant
12091	Wuhan University	China	X.Q. Hu	B	Successful Participant
12096	Nanjing Normal University	China	Qiong Wang	B	Successful Participant
12097	Nanjing Normal University	China	Xin Chen	B	Successful Participant
12098	Nanjing Normal University	China	Shitai Fu	B	Successful Participant
12099	Nanjing Normal University	China	Shitai Fu	B	Successful Participant
12101	Guizhou University	China	Hui Yang	B	Successful Participant
12103	PLA University of Science and Technology	P.R.China	Dai Yi	B	Successful Participant
12104	Beihang University	China	Jing Wu	B	Successful Participant
12119	Qingdao Agricultural University	China	Xiurong Chen	B	Successful Participant

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Ctrl #	Institution	Country	Advisor	Problem	Designation
12122	Qingdao Agricultural University	China	Jiaju Yu	B	Successful Participant
12132	Inner Mongolia Finance and Economics College	China	Ximing Lv	B	Successful Participant
12134	Qingdao Agricultural University	China	Kun Wang	B	Successful Participant
12136	South China Normal University	China	Yi Du	B	Successful Participant
12137	Tsinghua University	China	Mei Lu	B	Successful Participant
12142	FuJian Normal University	China	Qinghua Chen	B	Successful Participant
12144	Fujian Normal University	China	Zhiqiang YUAN	B	Successful Participant
12164	Montana State University	USA	Lukas Geyer	B	Successful Participant
12181	Westminster College	USA	Carolyn Cuff	B	Successful Participant
11946	Kutztown University	USA	Patrick Gorman	B	Unsuccessful