

## 2010 Mathematical Contest in Modeling Press Release—April 1, 2010

COMAP is pleased to announce the results of the 26th annual Mathematical Contest in Modeling (MCM). This year, 2254 teams representing institutions from fourteen countries participated in the contest. Nine teams from the following institutions were designated as OUTSTANDING WINNERS:

**Bucknell University, Lewisburg, PA**  
**Huazhong University of Science and Tech, Wuhan, China**  
**Princeton University, Princeton, NJ**  
**Rensselaer Polytechnic Institute, Troy, NY**  
**Tufts University, Medford, MA**  
**University of Colorado - Boulder, Boulder, CO**  
**University of Washington, Seattle, WA**  
**USMA, West Point, NY**  
**Zhejiang University, Hangzhou, China**

This year's contest ran from Thursday, February 18 to Monday, February 22, 2010. 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 2010 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 of Problem A, Michael Tortorella of Rutgers University, was also one of the final judges. His problem, "The Sweet Spot" noted that every hitter knows that there is a spot on the fat part of a baseball bat where maximum power is transferred to the ball when hit. Why isn't this spot at the end of the bat? A simple explanation based on torque might seem to identify the end of the bat as the sweet spot, but this is known to be empirically incorrect. Develop a model that helps explain this empirical finding. Also, some players believe that "corking" a bat (hollowing out a cylinder in the head of the bat and filling it with cork or rubber, then replacing a wood cap) enhances the "sweet spot" effect. Augment your model to confirm or deny this effect. Does this explain why Major League Baseball prohibits "corking"? Does the material out of which the bat is constructed matter? That is, does this model predict different behavior for wood (usually ash)

or metal (usually aluminum) bats? Is this why Major League Baseball prohibits metal bats?

The Problem B, "Criminology" was written by Michael O'Leary of Towson University and Kelly Black of Clarkson University who were also final judges. It states that your team has been asked by a local police agency to develop a method to aid in their investigations of serial criminals. The approach that you develop should make use of at least two different schemes to generate a geographical profile. You should develop a technique to combine the results of the different schemes and generate a useful prediction for law enforcement officers. The prediction should provide some kind of estimate or guidance about possible locations of the next crime based on the time and locations of the past crime scenes. If you make use of any other evidence in your estimate, you must provide specific details about how you incorporate the extra information. Your method should also provide some kind of estimate about how reliable the estimate will be in a given situation, including appropriate warnings.

The nine **Outstanding** solution papers will be published in *The UMAP Journal*, along with commentary from the authors and other judges. All 2254 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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### 2010 MCM Statistics

- 2254 teams participated
- 15 high school teams (1%)
- 358 US Teams (16%)
- 1890 Foreign Teams (84%) from Australia, Canada, China, Finland, Germany, Indonesia, Ireland, Jamaica, Malaysia, Pakistan, Singapore, South Africa, United Kingdom
- 9 Outstanding Winners (1/2%)
- 12 Finalists (1/2%)
- 431 Meritorious Winners (19%)
- 542 Honorable Mentions (24%)
- 1245 Successful Participants (55%)
- 15 Unsuccessful Participants (1%)

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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), Two Sigma Investments, Jane Street Capital and Department of Defense Analysis, Naval Postgraduate School. 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

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation	
7273	University of Washington	USA	James Morrow	B	Outstanding Winner	
7507	University of Colorado - Boulder	USA	Anne Dougherty	B	Outstanding Winner	MAA Award
7947	Bucknell University	USA	Nathan Ryan	B	Outstanding Winner	
8362	Rensselaer Polytechnic Institute	USA	Peter Kramer	B	Outstanding Winner	SIAM Award
8479	Tufts University	USA	Scott MacLachlan	B	Outstanding Winner	INFORMS Award
6030	Peking University	P.R.China	Zijing Dong	B	Finalist	
7274	University of Alberta	Canada	Joseph So	B	Finalist	
7503	Harvey Mudd College	USA	Susan Martonosi	B	Finalist	
7506	University of Puget Sound	USA	Michael Spivey	B	Finalist	
8079	Harvard University	USA	Peter Kronheimer	B	Finalist	
8449	DUKE UNIVERSITY	USA	LIZ BOUZARTH	B	Finalist	Ben Fusaro Award

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8454	DUKE UNIVERSITY	USA	LENNY NG	B	Finalist
5939	Fudan University	P. R. China	Yuan Cao	B	Meritorious Winner
5947	Zhuhai College of Jinan University	china	Zhi-Wei Wang	B	Meritorious Winner
5989	East China Normal University	China	Shujin Wu	B	Meritorious Winner
6000	University of Cape Town	South Africa	Henri Laurie	B	Meritorious Winner
6002	University of Cape Town	South Africa	Jeff Murugan	B	Meritorious Winner
6035	Peking University	P.R,China	Xufeng Liu	B	Meritorious Winner
6036	Peking University	P.R,China	Xufeng Liu	B	Meritorious Winner
6038	Peking University	P.R,China	Lu Tian	B	Meritorious Winner
6041	Peking University	P.R,China	Jiaming Yu	B	Meritorious Winner
6087	Dalian University of Technology	China	Ning Ding	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
6096	Southwestern University of Finance and Economics	China	Li Shaowen	B	Meritorious Winner
6106	Sichuan University	China	yongdao zhou	B	Meritorious Winner
6119	Northwestern Polytechnical University	P.R. China	Wenxian Xie	B	Meritorious Winner
6121	Northwestern Polytechnical University	P.R. China	Genjiu Xu	B	Meritorious Winner
6123	Northwestern Polytechnical University	P.R. China	Lulu Pan	B	Meritorious Winner
6150	Hong Kong University of Science and Tech	China	Yue Kuen Kwok	B	Meritorious Winner
6309	Southeast University	The People's	Feng Wang	B	Meritorious Winner
6319	Southeast University	The People's	Jianhua Zhou	B	Meritorious Winner
6323	Southeast University	The People's	Daoyuan Zhu	B	Meritorious Winner
6324	Southeast University	The People's	Daoyuan Zhu	B	Meritorious Winner
6328	Zhejiang University	China	Jianxin Zhu	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
6356	Beijing Language and Culture University	China	Xiwen Zhang	B	Meritorious Winner
6371	Ocean University of China	The People's	Ping Qin	B	Meritorious Winner
6374	Beijing Institute of Technology	The People's	Wang Hongzhou	B	Meritorious Winner
6425	Shanghai University of Finance and Economics	CHINA	GUOXIN DAI	B	Meritorious Winner
6432	Teacher	China	Pan yunlan	B	Meritorious Winner
6469	Beijing Normal University	China	ZhongDan Huan	B	Meritorious Winner
6472	Xi'an Jiaotong University	China	Jiayin Wang	B	Meritorious Winner
6479	Xi'an Jiaotong University	China	Jiayin Wang	B	Meritorious Winner
6489	harbin engineering university	P.R.China	luo yuesheng	B	Meritorious Winner
6512	Sun Yat-sen University	The People's	Yanhui Li	B	Meritorious Winner
6539	Zhejiang Normal University	China	Shen zifei	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
6549	School of information science and Engineering ,	P.R.China	Hong Wei	B	Meritorious Winner
6554	Donghua University	China	Yongsheng Ding	B	Meritorious Winner
6555	Donghua University	China	Jin Fan	B	Meritorious Winner
6572	Shandong University	P.R.China	Jianliang CHEN	B	Meritorious Winner
6574	Shandong University	P.R.China	Baodong LIU	B	Meritorious Winner
6583	Shandong University	P.R.China	Yang Liu	B	Meritorious Winner
6593	Shandong University	P.R.China	Mingrong CUI	B	Meritorious Winner
6601	Tongji University	P R China	Jin Liang	B	Meritorious Winner
6608	Shandong University	P.R.China	Yuhai Zhang	B	Meritorious Winner
6610	Shandong University	P.R.China	Xiaoxia Rong	B	Meritorious Winner
6611	China University of Mining and Technology	China	Lei Zhang	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
6612	Nanjing University of Information Science and	China	Hong Lv	B	Meritorious Winner
6618	China University of Mining and Technology	China	Xiaobo Yin	B	Meritorious Winner
6620	Tongji University	P R China	Junfeng Yin	B	Meritorious Winner
6623	Shandong University	P.R.China	Yufeng SHI	B	Meritorious Winner
6624	University of Science&Technology Beijing	China	Zhixing Hu	B	Meritorious Winner
6638	Shandong University	P.R.China	Lu LIN	B	Meritorious Winner
6648	Tongji University	P R China	Bin Yu	B	Meritorious Winner
6650	Southwest University of Science and Technology	China	Ke Zheng	B	Meritorious Winner
6651	Southwest University of Science and Technology	China	Ke Zheng	B	Meritorious Winner
6659	Donghua University	China	Xiaoqian Wu	B	Meritorious Winner
6695	SOUTHWESTERN UNIVERSITY OF FINANCE AND	CHINA	DAI DAI	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
6706	Xi'an Jiaotong University	China	Yicang Zhou	B	Meritorious Winner
6715	York University	Canada	Jane Heffernan	B	Meritorious Winner
6732	Zhejiang University	P. R. China	Qifan Yang	B	Meritorious Winner
6736	Zhejiang University	P. R. China	Zhiyi Tan	B	Meritorious Winner
6757	Stellenbosch University	South Africa	Jacob Weideman	B	Meritorious Winner
6771	Truman State University	USA	Steve Smith	B	Meritorious Winner
6789	Northeastern University at Qinhuangdao	P.R.China	Xiaomin Wang	B	Meritorious Winner
6799	Shanghai University	PR China	Huang Wei	B	Meritorious Winner
6814	Xi'an Jiaotong University	China	Hongying Zhang	B	Meritorious Winner
6815	Xi'an Jiaotong University	China	Qihong Duan	B	Meritorious Winner
6819	Tsinghua University	China	Yong Guo	B	Meritorious Winner



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Ctrl #	Institution	Country	Advisor	Problem	Designation
6911	Dalian University of Technology	P.R.China	Zhen Wang	B	Meritorious Winner
6939	University of Science and Technology of China	China	Chengyu Jiang	B	Meritorious Winner
6963	Peking University	The People's	Liangzhu Mu	B	Meritorious Winner
6976	Dalian University of Technology	P.R.China	Lin Yuan	B	Meritorious Winner
6982	Anshan Normal College	P.R.China	Huimin Liu	B	Meritorious Winner
7005	Faculty of Science, Zhejiang Forestry College	China	yu guan	B	Meritorious Winner
7007	Faculty of Science, Zhejiang Forestry College	China	yu guan	B	Meritorious Winner
7010	Jiangxi University of Finance and Economics	China	Changshen Hua	B	Meritorious Winner
7022	University of Science and Technology Beijing	China	hui wang	B	Meritorious Winner
7032	China Agricultural University	P.R.China	Li GuoHui	B	Meritorious Winner
7033	China Agricultural University	P.R.China	Shi YuanChang	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7036	China Agricultural University	P.R.China	Li GuoHui	B	Meritorious Winner
7048	Chongqing University	P.R.China	Jianwen Xu	B	Meritorious Winner
7050	Chongqing University	P.R.China	Luosheng Wen	B	Meritorious Winner
7052	Zhejiang Forestry University, Tianmu College	China	Hu Guihua	B	Meritorious Winner
7055	Chongqing University	P.R.China	Dong Li	B	Meritorious Winner
7061	Nanchang Hangkong University	P. R. China	Xi Li	B	Meritorious Winner
7070	Xi'an Jiaotong-Liverpool University	P.R.China	Jingming Guo	B	Meritorious Winner
7071	Xi'an Jiaotong-Liverpool University	P.R. China	Dongen Zhang	B	Meritorious Winner
7075	Xi'an Jiaotong-Liverpool University	P.R.China	Miaoxin Yao	B	Meritorious Winner
7076	Xi'an Jiaotong-Liverpool University	P.R.China	Miaoxin Yao	B	Meritorious Winner
7080	Xi'an Jiaotong-Liverpool University	P.R.China	Liyong Liu	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7086	Lanzhou University	P.R.CHINA	Jianzhou Wang	B	Meritorious Winner
7091	Nanjing University of Posts&Telecommunications	P.R.China	Xu Jin	B	Meritorious Winner
7092	Nanjing University of Posts&Telecommunications	P.R.China	YE JUN	B	Meritorious Winner
7093	Nanjing University of Posts&Telecommunications	P.R.China	YE JUN	B	Meritorious Winner
7096	School of Science ,Xi'an Communication Institute	China	Xinshe Qi	B	Meritorious Winner
7097	School of Science,Xi'an Communication Institute	China	Xiaofeng Song	B	Meritorious Winner
7099	School of Information,Xi'an Communication	China	Liju Chen	B	Meritorious Winner
7103	Lawrence Technological University	USA	Ruth Favro	B	Meritorious Winner
7105	University of Science and Technology of China	P.R.China	Bo Da	B	Meritorious Winner
7116	Harbin University of Science and Technology	China	Wei Sun	B	Meritorious Winner
7117	Jilin University	China	Xianghong Xu	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7120	China Jiliang University	China	Yikang Wang	B	Meritorious Winner
7125	China Jiliang University	China	Chengye Zhao	B	Meritorious Winner
7126	Jilin University	China	Qingdao Huang	B	Meritorious Winner
7131	Jilin University	China	Shaoyun Shi	B	Meritorious Winner
7133	University of International Business and Economics	China	Jianpei Li	B	Meritorious Winner
7137	Southwest Petroleum University	China	Chao Min	B	Meritorious Winner
7138	Jilin University	China	Youqing Ji	B	Meritorious Winner
7139	Jilin University	China	Youqing Ji	B	Meritorious Winner
7145	Beijing Normal University	P. R. China	Fusheng YU	B	Meritorious Winner
7148	Shanghai Finance University	P. R. China	Keyan Wang	B	Meritorious Winner
7156	Guilin University of Electronic Technology	P.R.China	Yongxiang Mo	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7159	Shandong University of Science and Technology	P.R.China	Shanchen Pang	B	Meritorious Winner
7161	Guilin University of Electronic Technology	P.R.China	Jian Yang	B	Meritorious Winner
7162	Guilin University of Electronic Technology	P.R.China	Ning Zhu	B	Meritorious Winner
7165	Guilin University of Electronic Technology	P.R.China	Dahe Feng	B	Meritorious Winner
7170	University of Electronic Science and Technology of	P. R. China	Siyi Qin	B	Meritorious Winner
7171	University of Electronic Science and Technology of	P. R. China	Quanzhi Xu	B	Meritorious Winner
7172	University of Electronic Science and Technology of	P. R. China	Mingqi Li	B	Meritorious Winner
7173	University of Electronic Science and Technology of	P. R. China	Zhiyong Wang	B	Meritorious Winner
7174	University of Electronic Science and Technology of	P. R. China	Hongfei Du	B	Meritorious Winner
7191	Gustavus Adolphus College	USA	Thomas LoFaro	B	Meritorious Winner
7193	Shanghai Jiaotong University	P.R.China	Baorui Song	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7194	Shanghai Jiaotong University	P.R.China	Baorui Song	B	Meritorious Winner
7195	Shanghai Jiaotong University	P.R.China	Jianguo Huang	B	Meritorious Winner
7199	Peking University	China	Liutang Gong	B	Meritorious Winner
7202	Shandong University of Technology	China	Wenhua Sun	B	Meritorious Winner
7207	Ningbo Institute of Technology, Zhejiang University	PR China	Yong Wu	B	Meritorious Winner
7209	Ningbo Institute of Technology, Zhejiang University	PR China	Lihui Tu	B	Meritorious Winner
7230	University of Electronic Science and Technology of	P. R. China	Qing Gao	B	Meritorious Winner
7256	Beijing Jiaotong University	China	Keqiang Dong	B	Meritorious Winner
7267	Beijing Normal University	China	Haiyang Huang	B	Meritorious Winner
7272	University of Washington	USA	James Morrow	B	Meritorious Winner
7276	South China Agricultural University	China	Fang Shaomei	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7300	College of Information Science and Engineering;	P.R.China	Peifeng Hao	B	Meritorious Winner
7354	Beijing No.4 High School	China	Jinli Miao	B	Meritorious Winner
7364	Institution of Intelligent Robots and Pattern	P.R.China	Chengdong Wu	B	Meritorious Winner
7367	School of Sci., Beijing Univ. of Posts & Telecomm	China	Xiaoxia Wang	B	Meritorious Winner
7371	Beijing Univ. of Posts & Telecomm.	China	Hongxiang Sun	B	Meritorious Winner
7403	Tsinghua University	China	Mei Lu	B	Meritorious Winner
7409	Central University of Finance and Economics	China	Donghong Li	B	Meritorious Winner
7414	China University of Petroleum-Beijing	P.R. China	Ling Zhao	B	Meritorious Winner
7422	Zhengzhou Information Engineering Institute	China	Changyong Peng	B	Meritorious Winner
7449	School of Telecomm. Eng.,Beijing Univ. of Posts	China	Qing Zhou	B	Meritorious Winner
7483	Beihang University	China	Peng Linping	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
7501	University of Washington	USA	James Burke	B	Meritorious Winner
7505	University of Puget Sound	USA	Michael Spivey	B	Meritorious Winner
7559	Towson University	USA	Alexei Kolesnikov	B	Meritorious Winner
7562	Harvey Mudd College	USA	Rachel Levy	B	Meritorious Winner
7569	Nanjing University of Posts and	P.R.China	GAOHUA KONG	B	Meritorious Winner
7570	Tsinghua University	China	Yansong Li	B	Meritorious Winner
7650	South China University of Technology	China	Yongkuan Cheng	B	Meritorious Winner
7654	South China University of Technology	China	Weijian Ding	B	Meritorious Winner
7662	South China University of Technology	China	Xinhui Mao	B	Meritorious Winner
7666	Hunan University	China	Taowen Liu	B	Meritorious Winner
7670	Hunan University	China	Chunjun Meng	B	Meritorious Winner



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Ctrl #	Institution	Country	Advisor	Problem	Designation
7675	Hunan University	China	Shangjiang Guo	B	Meritorious Winner
7677	Hunan University	China	Liping Wang	B	Meritorious Winner
7707	Harvey Mudd College	USA	Jon Jacobsen	B	Meritorious Winner
7709	Institution of Software; Northeastern University	P.R.China	GuangMing Yang	B	Meritorious Winner
7711	Institution of Mathematics;Northeastern University	P.R.China	Hegui Zhu	B	Meritorious Winner
7717	Guangdong Pharmaceutical University	China	Rongbo Huang	B	Meritorious Winner
7719	Huazhong University of Science and Technology	PR China	Xiangjun Wang	B	Meritorious Winner
7740	Renmin University of China	China	Xiangyang Huang	B	Meritorious Winner
7752	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	YUE SUN	B	Meritorious Winner
7763	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	WEIPING WANG	B	Meritorious Winner
7768	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	YU SUN	B	Meritorious Winner

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7769	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	JUHUA SONG	B	Meritorious Winner
7783	Guangxi University	P.R.China	Yuejin Lv	B	Meritorious Winner
7805	East China Normal University	China	Liu Yongming	B	Meritorious Winner
7813	Pacific University	USA	Michael Rowell	B	Meritorious Winner
7915	USMA	USA	Brian MacDonald	B	Meritorious Winner
7924	Xuzhou Air Force College	P.R.China	Hao Jianzhong	B	Meritorious Winner
7948	Bucknell University	USA	Nathan Ryan	B	Meritorious Winner
7980	University of Science & Technology of China	China	Ming Zhong	B	Meritorious Winner
7992	Zhejiang Gongshang University	P.R.China	Heng Zhao	B	Meritorious Winner
7998	Shanghai Jiaotong University	P.R.China	Shaoyuan Li	B	Meritorious Winner
8003	Central University of Finance and Economics	China	Zhaoxu Sun	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8042	Basic Teaching Department,College of Light	P.R.China	Lichao Feng	B	Meritorious Winner
8046	Renmin University of China	China	Xiaoling Lv	B	Meritorious Winner
8077	Renmin Univers. of China	China	Litao Han	B	Meritorious Winner
8082	Shenyang Institute of Aeronautical Engineering	China	Wang xiaoyuan	B	Meritorious Winner
8086	Carroll College	USA	Mark Parker	B	Meritorious Winner
8090	Carroll College	USA	Mary Keeffe	B	Meritorious Winner
8106	Lord Byng Secondary School	Canada	Daniel Kamin	B	Meritorious Winner
8107	Sichuan University	China	Yunzhi Zou	B	Meritorious Winner
8116	International School	China	Wenbo Zhang	B	Meritorious Winner
8117	Tianjin University	P.R.China	Zhenghai Huang	B	Meritorious Winner
8120	National University of Defense Technology	P. R. China	Dan Wang	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8124	Jiangsu University	China	HongLin Yang	B	Meritorious Winner
8134	National University of Defense Technology	P. R. China	Wenqiang Yang	B	Meritorious Winner
8144	Tianjin University	P.R.China	Zhenghai Huang	B	Meritorious Winner
8155	The University of Western Ontario	Canada	Allan Maclsaac	B	Meritorious Winner
8156	The University of Western Ontario	Canada	Allan Maclsaac	B	Meritorious Winner
8159	University of Nevada, Reno	USA	Aleksey Telyakovskiy	B	Meritorious Winner
8170	MIT	USA	John Bush	B	Meritorious Winner
8171	MIT	USA	Michael Sipser	B	Meritorious Winner
8178	Central University of Finance and Economics	China	Xiuwen Wu	B	Meritorious Winner
8190	National University of Singapore	Singapore	Gongyun Zhao	B	Meritorious Winner
8191	Centenary College of Louisiana	USA	Mark Goadrich	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8197	Humboldt State University	USA	Brad Finney	B	Meritorious Winner
8202	Dalian University	China	Yanfang Wang	B	Meritorious Winner
8213	National University of Singapore	Singapore	Weizhu Bao	B	Meritorious Winner
8215	Aalto University	Finland	Kenrick Bingham	B	Meritorious Winner
8219	PLA University of Science and Technology	P.R.China	Tian Zuowei	B	Meritorious Winner
8231	The University of Michigan-Dearborn	USA	Joan Remski	B	Meritorious Winner
8233	Tsinghua University	China	Huimin Ma	B	Meritorious Winner
8238	Clarkson University	USA	joseph skufca	B	Meritorious Winner
8239	Shippensburg University	USA	Paul Taylor	B	Meritorious Winner
8242	Clarkson University	USA	Kathleen Fowler	B	Meritorious Winner
8262	Nanchang University	P.R.China	Tang yuchao	B	Meritorious Winner

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Ctrl #	Institution	Country	Advisor	Problem	Designation
8296	Hampden-Sydney College	USA	Marcus Pendergrass	B	Meritorious Winner
8300	Davidson College	USA	Timothy Chartier	B	Meritorious Winner
8302	Davidson College	USA	Timothy Chartier	B	Meritorious Winner
8305	Davidson College	USA	Laurie Heyer	B	Meritorious Winner
8314	Jacobs University	Germany	Marcel Oliver	B	Meritorious Winner
8317	Wake Forest University	USA	Miaohua Jiang	B	Meritorious Winner
8319	Colby College	USA	Jan Holly	B	Meritorious Winner
8349	University of New South Wales	Australia	James Franklin	B	Meritorious Winner
8350	University of New South Wales	Australia	James Franklin	B	Meritorious Winner
8353	Cornell University	USA	Alexander Vladimirov	B	Meritorious Winner
8358	Cal Poly Pomona	USA	Joe Latulippe	B	Meritorious Winner

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8364	Natinal University of Singapore	Singapore	Weizhu Bao	B	Meritorious Winner
8369	Rensselaer Polytechnic Institute	USA	Peter Kramer	B	Meritorious Winner
8381	Nanjing Normal University	China	Chen Xin	B	Meritorious Winner
8389	East China University of Science and Technology	P.R.China	Yongjun Luo	B	Meritorious Winner
8390	Henan Normal University	China	Ke Zhu	B	Meritorious Winner
8409	Tsinghua University	China	Heng Liang	B	Meritorious Winner
8426	North China Electric Power University	P.R.China	Guotian Yang	B	Meritorious Winner
8427	Dalton State College	USA	Jason Schmurr	B	Meritorious Winner
8436	University of Wisconsin-La Crosse	USA	Theodore Wendt	B	Meritorious Winner
8444	SUNY at Buffalo	USA	Gino Biondini	B	Meritorious Winner
8456	Tennessee Tech University	USA	Andrew Hetzel	B	Meritorious Winner

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8483	Virginia Tech	USA	John Rossi	B	Meritorious Winner
8484	The State University of New York at Buffalo	USA	Jae-Hun Jung	B	Meritorious Winner
8486	Asbury College	USA	David Coulliette	B	Meritorious Winner
8491	Lafayette College	USA	Ethan Berkove	B	Meritorious Winner
8495	Asbury College	USA	Duk Lee	B	Meritorious Winner
8497	Saint Louis University, Parks College of	USA	Manoj Patankar	B	Meritorious Winner
8500	University of Colorado Denver	USA	Gary Olson	B	Meritorious Winner
8513	Seattle Pacific University	USA	Robbin O'Leary	B	Meritorious Winner
8536	Slippery Rock University	USA	Richard Marchand	B	Meritorious Winner
8545	Wuhan University, China	China	xinqi hu	B	Meritorious Winner
8551	Zaozhuang University	China	ZHEN YANG	B	Meritorious Winner



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8559	Southeast University	China	Jinde Cao	B	Meritorious Winner
8562	University of California, Berkeley	USA	Jon McAuliffe	B	Meritorious Winner
8568	Tsinghua University	China	Yayu Wang	B	Meritorious Winner
8572	University of Cambridge	United Kingdom	Stephen Cowley	B	Meritorious Winner
8573	University of Cambridge	United Kingdom	Stephen Cowley	B	Meritorious Winner
8579	UNC Chapel Hill	USA	Christoph Kirsch	B	Meritorious Winner
8589	Rose-Hulman Institute of Technology	USA	William Galinaitis	B	Meritorious Winner
8595	Oregon State University	USA	Nathan Gibson	B	Meritorious Winner
8596	Oregon State University	USA	Nathan Gibson	B	Meritorious Winner
5931	Nanjing University	China	Zechun Hu	B	Honorable Mention
5932	NANJING UNIVERSITY	CHINA	LIHONG WANG	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
5935	Sichuan university	P.R.China	yijun wei	B	Honorable Mention
5944	Shanghai University of Finance and Economics	P.R.China	Rihui Lan	B	Honorable Mention
5945	Zhuhai College of Jinan University	China	Zhi-Wei Wang	B	Honorable Mention
5951	Shanghai University of Finance and Economics	P. R. China	Shaoli Wang	B	Honorable Mention
5959	Zhuhai College of Jinan University	china	Yuan-Biao zhang	B	Honorable Mention
5987	Harbin Institute of Technology	China	Baodong Zheng	B	Honorable Mention
5990	East China Normal University	China	Shujin Wu	B	Honorable Mention
5993	Sichuan University	P.R.China	Hongxu Li	B	Honorable Mention
5995	Ohio University	USA	Todd Young	B	Honorable Mention
5996	Sichuan University	P.R.China	Hai Niu	B	Honorable Mention
5998	East China Normal University	CHINA	Yuqiang Li	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6003	Shanghai University of Economics and Finance	China	Zhenyu Zhang	B	Honorable Mention
6009	The College of Science,Beijing Forestry University	P.R.China	Xiaochun Wang	B	Honorable Mention
6011	Shanghai University of Finance & Economy	China	Huang Mian	B	Honorable Mention
6037	Peking University	P.R,China	Lu Tian	B	Honorable Mention
6039	College of Science Shandong University of Science	PRC	Yijun Zhao	B	Honorable Mention
6040	Peking University	P.R,China	Jiaming Yu	B	Honorable Mention
6047	Peking University	P.R.China	Liqiang Sun	B	Honorable Mention
6068	Dalian Maritime University	P. R. China	Yu Dong	B	Honorable Mention
6072	Dalian Maritime University	P. R. China	G. Chen	B	Honorable Mention
6077	Shanghai University of Finance and Economics	China	Jiaying Weng	B	Honorable Mention
6085	Renmin University of China	P.R.China	Yonghong Long	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6089	Dalian University of Technology	China	Ning Ding	B	Honorable Mention
6091	Dalian University of Technology	China	Shimin Shan	B	Honorable Mention
6104	Nankai University	P.R.China	Jinmo Zhao	B	Honorable Mention
6107	Nankai University	China	Jishou Ruan	B	Honorable Mention
6108	Nankai University	China	Guosheng Feng	B	Honorable Mention
6109	Nankai University	China	Jishou Ruan	B	Honorable Mention
6120	Northwestern Polytechnical University	P.R. China	Junfeng Zhao	B	Honorable Mention
6122	Northwestern Polytechnical University	P.R. China	Qianqiao Guo	B	Honorable Mention
6128	Nankai University	China	Hongpeng Wang	B	Honorable Mention
6148	Sichuan university	China	Ningjiu Tang	B	Honorable Mention
6149	Shanghai Univ. of Finance&Economics	China	Hui Xue	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6151	University of Hong Kong	P.R. China	Guangyue Han	B	Honorable Mention
6154	Peking university	The People's	YU ZHAO	B	Honorable Mention
6156	Shanghai university of finance and economics	China	YUAN HUA	B	Honorable Mention
6162	Nanjing University of Finance and Economics	P.R.China	Sun Chunyan	B	Honorable Mention
6169	Shanghai University of Finance and Economics	China	Meiping Xie	B	Honorable Mention
6176	China University of Geosciences(Beijing)	China	Guangdong Huang	B	Honorable Mention
6182	School of Science,Xidian university	China	Qiang ZHU	B	Honorable Mention
6184	Xidian university	China	Jimin Ye	B	Honorable Mention
6186	Xidian university	China	Wei LI	B	Honorable Mention
6194	Zhongnan University of Economics and Law	China	Handong Luo	B	Honorable Mention
6198	Southwest Jiaotong University	China	Lianwen Zhao	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6219	Harbin Institute of Technology	China	Guoqing Liu	B	Honorable Mention
6220	Harbin Institute of Technology	China	Guoqing Liu	B	Honorable Mention
6223	Harbin Institute of Technology	China	Zhenfeng Shi	B	Honorable Mention
6234	East China Normal University	China	Fuyong Wan	B	Honorable Mention
6243	Zhongnan University of Economics and Law	China	Hao Yang	B	Honorable Mention
6249	Tsinghua University	P.R. China	Jingjing Li	B	Honorable Mention
6266	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Honorable Mention
6267	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Honorable Mention
6268	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Honorable Mention
6288	International School	China	Wenbo Zhang	B	Honorable Mention
6291	Zhejiang Sci-Tech University	P.R.China	Guosheng Shi	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6297	Sichuan University	China	Jie Zhou	B	Honorable Mention
6308	Peking University	P.R.China	Wang Qiwen	B	Honorable Mention
6329	Sichuan University	The People's	Yunzhi Zou	B	Honorable Mention
6338	Beijing Language and Culture University	China	Yanbing Feng	B	Honorable Mention
6339	Beijing Language and Culture University	China	Xiaoxia Zhao	B	Honorable Mention
6343	Beijing Language and Culture University	China	Xiwen Zhang	B	Honorable Mention
6350	Beijing Institute of Technology	China	Hou-Bao XU	B	Honorable Mention
6355	Beijing Institute of Technology	CHINA	Chunguang Xiong	B	Honorable Mention
6360	Beijing Language and Culture University	China	Ping Yang	B	Honorable Mention
6369	Renmin University of China	China	Li Wei	B	Honorable Mention
6373	harbin engineering university	P.R.China	dong yunji	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6384	harbin engineering university	P.R.China	dai yuntao	B	Honorable Mention
6395	Shanghai university of finance and economic	China	Yin feng	B	Honorable Mention
6396	University of Science and Technology of China	P.R.China	Zheng Xu	B	Honorable Mention
6397	Beijing Institute of Technology	China	Bing-Zhao Li	B	Honorable Mention
6400	East China Normal University(Minhang District)	China	Meirong Zhang	B	Honorable Mention
6401	Shanghai University of Economics and Finance	China	ZHAO WANGQUAN	B	Honorable Mention
6417	Renmin University of China	China	qingcai zhang	B	Honorable Mention
6420	Anhui University of Finance and Economics	China	Zhu Jiaming	B	Honorable Mention
6428	College of Information Science and Engineering,	P.R.China	Wang Xinzeng	B	Honorable Mention
6429	Peking University	China	Yulong Liu	B	Honorable Mention
6430	Zhejiang Normal University	China	Lu xinzhong	B	Honorable Mention



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6448	Naval Aeronautical and Astronautical University	China	Shoukui Si	B	Honorable Mention
6451	Naval Aeronautical and Astronautical University	China	Xijing Sun	B	Honorable Mention
6455	Soochow University	China	Yu Tang	B	Honorable Mention
6459	Soochow University	China	Lin Zhu	B	Honorable Mention
6461	Soochow University	China	Min-Xin Chen	B	Honorable Mention
6466	ShanDong University Of Science and Technology	China	Wang Zhen	B	Honorable Mention
6467	Naval Aeronautical and Astronautical University	China	Decun Zhang	B	Honorable Mention
6474	Beijing Institute of Technology	China	Huafei Sun	B	Honorable Mention
6485	Beijing Institute of Technology	China	Huafei Sun	B	Honorable Mention
6495	Xi'an Jiaotong University	China	Jing Gao	B	Honorable Mention
6498	Xi'an Jiaotong University	China	Jing Gao	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6501	University of Science and Technology of China	China	Wei Pan	B	Honorable Mention
6503	Shandong University of Science and Technology	China	Xinzeng Wang	B	Honorable Mention
6506	Shandong University of Science and Technology	China	Dezhi Gao	B	Honorable Mention
6507	SOUTHWESTERN UNIVERSITY OF FINANCE AND	CHINA	DAI DAI	B	Honorable Mention
6514	Sun Yat-Sen University	China	Xiaolong Jiang	B	Honorable Mention
6516	Sichuan University	China	Jiang Du	B	Honorable Mention
6520	Shandong University of Science and Technology	China	Dezhi Gao	B	Honorable Mention
6530	University of Science and Technology of China	China	Shanshan Cui	B	Honorable Mention
6532	Zhejiang Normal University	China	Han jianming	B	Honorable Mention
6535	Zhejiang Normal University	China	Xu Xiubing	B	Honorable Mention
6540	University of Science and Technology of China	The People's	Shanshan Cui	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6542	YUNNAN UNIVERSITY	CHINA	ZHAO YUE	B	Honorable Mention
6562	harbin engineering university	P.R.China	xu liyan	B	Honorable Mention
6565	Donghua University	China	Zhijie Wang	B	Honorable Mention
6568	Donghua University	China	Weihong Wang	B	Honorable Mention
6573	harbin engineering university	P.R.China	li bin	B	Honorable Mention
6576	Shandong University	P.R.China	Xiaoxia RONG	B	Honorable Mention
6577	Shandong University	China	Xijun Hu	B	Honorable Mention
6578	Shandong University	P.R.China	Tongchao LU	B	Honorable Mention
6582	harbin engineering university	P.R.China	jia niannian	B	Honorable Mention
6584	harbin engineering university	P.R.China	jia niannian	B	Honorable Mention
6586	harbin engineering university	P.R.China	lian chunbo	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6589	Shandong University	P.R.China	Xijun HU	B	Honorable Mention
6591	Shandong University	P.R.China	Zhang CHEN	B	Honorable Mention
6596	Century College, Beijing University of Posts and	China	Weibing Hua	B	Honorable Mention
6604	Tongji University	P R China	Hualong Zhang	B	Honorable Mention
6606	Shandong University	P.R.China	Shuxiang Huang	B	Honorable Mention
6607	Shandong University of Science and Technology	China	Lei Chen	B	Honorable Mention
6615	China University of Mining and Technology	China	Yanqi Song	B	Honorable Mention
6617	Shandong University	P.R.China	Lu LIN	B	Honorable Mention
6622	Shandong University	P.R.China	Yufeng SHI	B	Honorable Mention
6626	Nanjing University of Information Science &	China	Wenlong Fei	B	Honorable Mention
6632	Shandong University	P.R.China	Meng HE	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6633	Northwestern University	USA	William Rogerson	B	Honorable Mention
6635	Xi'an Jiaotong University	China	Jiayin Wang	B	Honorable Mention
6636	Naval Aeronautical and Astronautical University	China	Xiaoyun Zeng	B	Honorable Mention
6645	Shandong University	P.R.China	Junfeng LUAN	B	Honorable Mention
6647	Tongji University	P R China	Lingjun Zhou	B	Honorable Mention
6668	harbin engineering university	P.R.China	zhou shuanghong	B	Honorable Mention
6682	Northwest University of China	China	Liantang Wang	B	Honorable Mention
6693	Dalian Nationalities University	China	Xiaodong Liu	B	Honorable Mention
6694	Shandong university of science and technology	China	Yuanqing Zhang	B	Honorable Mention
6700	Shandong University	P.R.China	Fasheng Hu	B	Honorable Mention
6701	Renmin University of China	China	Qing Zhang	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6720	BEIJING JIAOTONG UNIVERSITY	CHINA	LUWEI SHEN	B	Honorable Mention
6723	China University of Petroleum	China	Liu Xinhai	B	Honorable Mention
6747	Zhejiang University	P. R. China	Long Wan	B	Honorable Mention
6755	Zhejiang University	P. R. China	Wenjing Zha	B	Honorable Mention
6783	Southwestern University of Finance and Economics	China	Kaihong Wang	B	Honorable Mention
6788	Sichuan University	China	Nanjing Huang	B	Honorable Mention
6801	East China Normal University	P.R.China	Yingshan Zhang	B	Honorable Mention
6802	Shanghai University	PR China	Tan Fuping	B	Honorable Mention
6812	Xi'an Jiaotong University	China	Qihong Duan	B	Honorable Mention
6829	Jilin University	China	Xianrui Lv	B	Honorable Mention
6837	Dalian University of Technology	P.R.China	Mingfeng He	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6847	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Honorable Mention
6849	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Honorable Mention
6852	Dalian University of Technology	P.R.China	Qiuhui Pan	B	Honorable Mention
6895	School of Information Science and Engineering	P.R.China	zheng zs	B	Honorable Mention
6906	Central South University	P.R.China	Deng Weijun	B	Honorable Mention
6912	Dalian University of Technology	P.R.China	Zhen Wang	B	Honorable Mention
6929	Dalian University of Technology	P.R.China	Dongjuan Fu	B	Honorable Mention
6932	Central South University	China	Yi Nan	B	Honorable Mention
6934	Renmin University of China	China	Qijing Yang	B	Honorable Mention
6937	Ludong Uninversity	China	Guangchen Liu	B	Honorable Mention
6945	Chongqing University	P.R.China	Renbin He	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6959	School of Information, Renmin University of China	The People's	Jinwu Gao	B	Honorable Mention
6987	Beijing Normal University	China PR	Li Cui	B	Honorable Mention
7034	Shaanxi University of Science and Technology	The People's	Zai-En HOU Zhou-Ping	B	Honorable Mention
7038	China Agricultural University	P.R.China	Yang JianPing	B	Honorable Mention
7044	Northwest University	The People's	Xiao-Ying WANG	B	Honorable Mention
7046	Shandong University of Science and Technology	China	Hua Duan	B	Honorable Mention
7054	School of Software Central South University	China	He Wei	B	Honorable Mention
7059	Chongqing University	P.R.China	Guanghui He	B	Honorable Mention
7072	Xi'an Jiaotong-Liverpool University	P.R. China	Dongen Zhang	B	Honorable Mention
7073	Xi'an Jiaotong-Liverpool University	P.R.China	Xi Lin	B	Honorable Mention
7074	Xi'an Jiaotong-Liverpool University	P.R.China	Xi Lin	B	Honorable Mention



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7077	Xi'an Jiaotong-Liverpool University	P.R.China	Anyun Zhu	B	Honorable Mention
7078	Xi'an Jiaotong-Liverpool University	P.R.China	Anyun Zhu	B	Honorable Mention
7082	Xi'an Jiaotong-Liverpool University	P.R.China	Ming Ying	B	Honorable Mention
7084	Xi'an Jiaotong-Liverpool University	P.R.China	Guorui Xie	B	Honorable Mention
7085	Xi'an Jiaotong-Liverpool University	P.R.China	Hongyun Xiong	B	Honorable Mention
7088	Nanjing University of Posts&Telecommunications	P.R.China	Jin Xu	B	Honorable Mention
7090	Nanjing University of Posts&Telecommunications	P.R.China	Xu Jin	B	Honorable Mention
7100	School of Information Xi'an Communication	China	Cheng Chen	B	Honorable Mention
7101	School of Science ,Xi'an Communication Institute	China	Xi Wang	B	Honorable Mention
7102	East China Normal University	The People's	Kun Zhang	B	Honorable Mention
7107	Nanjing University of Posts and	China	Jinxin Hu	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7108	Zhejiang University of Science and Technology	China	Yongzhen Zhu	B	Honorable Mention
7119	Jilin University	China	Chunling Chao	B	Honorable Mention
7122	Jilin University	China	Yang cao	B	Honorable Mention
7141	Jilin University	China	Guoming Wang	B	Honorable Mention
7142	Jilin University	China	Yongkui Zou	B	Honorable Mention
7144	University of Helsinki	Finland	Jaakko Kurhila	B	Honorable Mention
7146	Peking University	P.R.China	Fujun Xu	B	Honorable Mention
7150	Shanghai Finance University	P. R. China	Yumei Liang	B	Honorable Mention
7151	Shanghai Finance University	P. R. China	Yumei Liang	B	Honorable Mention
7152	Shanghai Finance University	P. R. China	Chungen Shen	B	Honorable Mention
7168	Shanxi University	China	Guirong Liu	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7180	Shanghai Finance University	P. R. China	Hongcheng Li	B	Honorable Mention
7181	Shanghai Finance University	P. R. China	Hongcheng Li	B	Honorable Mention
7186	Shanghai Finance University	P. R. China	Yong Fang	B	Honorable Mention
7196	Hunan University	China	Rui Li	B	Honorable Mention
7197	Shandong University Of Technology	China	Xinmin Li	B	Honorable Mention
7198	Shanghai Jiaotong University	P.R.China	Jianguo Huang	B	Honorable Mention
7200	Hunan University	China	Naizheng Bian	B	Honorable Mention
7208	Ningbo Institute of Technology, Zhejiang University	PR China	Yong Wu	B	Honorable Mention
7218	Jilin University	China	Mingji Liu	B	Honorable Mention
7219	Jilin University	China	Weiping Shi	B	Honorable Mention
7231	Beihang University	China	ZengChang Qin	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7233	City Univ of Hong Kong	China	Jonathan Wylie	B	Honorable Mention
7253	Shanghai Normal University	P.R.China	Fu Yi	B	Honorable Mention
7257	Beijing Jiaotong University	China	Minghui Liu	B	Honorable Mention
7261	Beijing Jiaotong University	China	Jing Wang	B	Honorable Mention
7262	Beijing Jiaotong University	China	Jing Wang	B	Honorable Mention
7263	Lanzhou University	China P.R	Dezhong Chi	B	Honorable Mention
7277	South China Agriculture University	China	zhu yanke	B	Honorable Mention
7278	South China Agriculture University	China	zhu yanke	B	Honorable Mention
7279	South China Agriculture University	China	Zhang Shengxiang	B	Honorable Mention
7286	Southwest University	China	Lei Deng	B	Honorable Mention
7299	Shanghai Jiaotong University	P.R.China	Jingliang Yue	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7305	Shanghai University of Finance and Economics	China	Hong Zhanqing	B	Honorable Mention
7310	Shanghai University of Finance and Economics	China	Pengfei Wan	B	Honorable Mention
7322	Beijing Jiaotong University	China	Faen Wu	B	Honorable Mention
7325	Institution of Maths ; Northeastern University	P.R.China	Xiangde Zhang	B	Honorable Mention
7338	University of International Relations, China	The People's	Biao Wang	B	Honorable Mention
7340	Shanghai University of Finance and Economics	P.R.China	Liwen TANG	B	Honorable Mention
7341	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Zuguo He	B	Honorable Mention
7350	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Jinkou Ding	B	Honorable Mention
7351	Zhejiang University City College	PRC	Gui Wang	B	Honorable Mention
7361	Beijing Vocational College of Electronic Science	China	Wangdongl Huangguanli	B	Honorable Mention
7370	Beijing Univ. of Posts & Telecomm.	China	Zuguo He	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7372	Beijing Univ. of Posts & Telecomm.	China	Hongxiang Sun	B	Honorable Mention
7379	Dalian University	China	Xinxin Tan	B	Honorable Mention
7391	Central university of finance and economics	China	Xiaoming Fan	B	Honorable Mention
7408	North China Electric Power University	P.R. China	Xiangjie Liu	B	Honorable Mention
7439	Beijing Univ. of Posts & Telecomm.	China	Lixia Wang	B	Honorable Mention
7446	Beijing Univ. of Posts & Telecomm.	China	Xueli Wang	B	Honorable Mention
7448	School of Telecomm. Eng.,Beijing Univ. of Posts	China	Qing Zhou	B	Honorable Mention
7458	School of Telecomm. Eng.,Beijing Univ. of Posts	China	Xueli Wang	B	Honorable Mention
7460	School of Telecomm. Eng.,Beijing Univ. of Posts	China	Jianhua Yuan	B	Honorable Mention
7465	School of Science of Wuhan University of	China	Chen Jianye	B	Honorable Mention
7479	Beijing Normal University	China	Zhongdan Huan	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7488	Shenyang Institute of Aeronautical Engineering	China	Yanjie Li	B	Honorable Mention
7492	Shenyang Institute of Aeronautical Engineering	China	Na Yin	B	Honorable Mention
7520	College of Sciences, Northeastern University	P.R.China	Qi Wang	B	Honorable Mention
7548	School of Science of Wuhan University of	China	Fang Xi	B	Honorable Mention
7550	School of Science of Wuhan University of	China	Chen Jiaqing	B	Honorable Mention
7552	School of Science of Wuhan University of	China	Li Yuguang	B	Honorable Mention
7566	National University of Singapore	Singapore	Kim Chuan Toh	B	Honorable Mention
7576	Huazhong University of Science and Technology	PR China	Nanzhong He	B	Honorable Mention
7593	Central University of Finance and Economics	China	Zhao Yin	B	Honorable Mention
7622	Beihang University	China	Haiyan Sun	B	Honorable Mention
7642	Shandong University at Weihai	P.R.China	Jintao Wang	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7651	South China University of Technology	China	Yongkuan Cheng	B	Honorable Mention
7655	South China University of Technology	China	Weijian Ding	B	Honorable Mention
7678	Hunan University	China	Chuanxiu Ma	B	Honorable Mention
7686	Harvey Mudd College	USA	Jon Jacobsen	B	Honorable Mention
7694	Simpson College	USA	Werner Kolln	B	Honorable Mention
7723	China University of Petroleum-Beijing	P.R. China	Lixia Zhi	B	Honorable Mention
7726	University of Science and Technology of China	CHINA	WEIKAI XU	B	Honorable Mention
7747	Southwestern University of Finance and Economics	China	Chuan Ding	B	Honorable Mention
7751	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	LIQUN PAN	B	Honorable Mention
7772	Tsinghua University	China	Xiaoming Sun	B	Honorable Mention
7773	Harbin University of Commerce	China	Wei Wang	B	Honorable Mention



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7779	Harbin University of Commerce	China	Jian Liu	B	Honorable Mention
7785	Harbin University of Commerce	China	Gang Wu	B	Honorable Mention
7788	University of Science and Technology of China	P.R.China	Zhouwang Yang	B	Honorable Mention
7819	Nebraska Wesleyan University	USA	Kristin Pfabe	B	Honorable Mention
7821	Bethel University	USA	Nathan Gossett	B	Honorable Mention
7831	Harbin Institute of Technology	China	Lili Zhang	B	Honorable Mention
7873	Harbin Institute of Technology	China	Fengyun Guo	B	Honorable Mention
7896	Harbin Institute of Technology	China	Xiubo Tian	B	Honorable Mention
7899	Harbin Institute of Technology	China	Yang Bai	B	Honorable Mention
7904	Harbin Institute of Technology	China	Dalie Sun	B	Honorable Mention
7913	USMA	USA	Stanley Florkowski	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7921	USMA	USA	Janet Braunstein	B	Honorable Mention
7925	Sun Yat-sen University	China	Zhujun Fan	B	Honorable Mention
7937	Harbin Institute of Technology	China	Yan Zhang	B	Honorable Mention
7953	Zhejiang University of Technology	P.R.China	Minghua Zhou	B	Honorable Mention
7982	Zhejiang Gongshang University	P.R.China	Zhao Heng	B	Honorable Mention
8004	Jiangxi University of Finance and Economics	China	Changshen Hua	B	Honorable Mention
8009	Fujian Normal University	The People's	Zhang Shenggui	B	Honorable Mention
8010	Fujian Normal University	The People's	Ma Changfeng	B	Honorable Mention
8011	Fujian Normal University	The People's	Ma Changfeng	B	Honorable Mention
8032	Pacific Lutheran University	USA	Daniel Heath	B	Honorable Mention
8039	College of Light Industry,Hebei Polytechnic	P.R.China	Aimin Yang	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8065	The Chinese University of Hong Kong	Hong Kong	Chun Li	B	Honorable Mention
8071	THE COLLEGE OF MATHEMATICAL SCIENCES	The People's	YANG CHUN	B	Honorable Mention
8087	Carroll College	USA	Mark Parker	B	Honorable Mention
8093	Carroll College	USA	Holly Zullo	B	Honorable Mention
8095	Carroll College	USA	Jack Oberweiser	B	Honorable Mention
8103	Mathematics	The People's	Qifan Zhang	B	Honorable Mention
8105	University of Toronto at Scarborough	Canada	Paul Selick	B	Honorable Mention
8108	National University of Defense Technology	P. R. China	Ziyang Mao	B	Honorable Mention
8127	National University of Defense Technology	P. R. China	Lizhi Cheng	B	Honorable Mention
8133	National University of Defense Technology	P. R. China	Wenqiang Yang	B	Honorable Mention
8142	National University of Defense Technology	P. R. China	Yicheng Liu	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8146	Tianjin University, China	P.R.China	Fengzhen Liang	B	Honorable Mention
8166	St. Mary's College of Maryland	USA	David Kung	B	Honorable Mention
8172	MIT	USA	Michael Sipser	B	Honorable Mention
8174	China University of Mining and Technology	P.R.China	Gong Dunwei	B	Honorable Mention
8177	University of Science and Technology of China	China	Shan Song	B	Honorable Mention
8206	Harbin Institute of Technology	China	Xiaofang Li Rongning Qu	B	Honorable Mention
8211	Tsinghua University	China	Hailin Wang	B	Honorable Mention
8212	Fudan University	China	Xilin Xie	B	Honorable Mention
8227	Virginia Tech	USA	John Rossi	B	Honorable Mention
8267	Beijing Normal University	P.R.C.	HAI YANG HUANG	B	Honorable Mention
8268	China University of Mining Technology(Beijing)	CHINA	Zhanglu Tan	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8304	Davidson College	USA	Laurie Heyer	B	Honorable Mention
8306	Davidson College	USA	Richard Neidinger	B	Honorable Mention
8307	Central Washington University	USA	James Bisgard	B	Honorable Mention
8313	Stanford	USA	walter murray	B	Honorable Mention
8315	Princeton University	USA	Amit Singer	B	Honorable Mention
8341	Youngstown State University	USA	George Yates	B	Honorable Mention
8346	Youngstown State University	USA	G. Kerns	B	Honorable Mention
8368	Nanjing University of Posts and	P.R.China	Qiu Zhonghua	B	Honorable Mention
8370	Nanjing Normal University	P.R.China	Qunsheng Zhu	B	Honorable Mention
8372	Rensselaer Polytechnic Institute	USA	Mark Holmes	B	Honorable Mention
8377	Nanjing Normal University	China	Fu Shitai	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8384	Wuhan University	China PR	Xinqi Hu	B	Honorable Mention
8392	Wuhan University	China	Luo Zhuangchu	B	Honorable Mention
8434	University of Wisconsin-La Crosse	USA	Robert Allen	B	Honorable Mention
8435	University of Minnesota Duluth	USA	Bruce Peckham	B	Honorable Mention
8440	NC School of Science and Mathematics	USA	Daniel Teague	B	Honorable Mention
8462	Beijing University of Chemical Technology	China	Wenyan YUAN	B	Honorable Mention
8470	Beijing University of Chemical Technology	China	Zhiqiang LI	B	Honorable Mention
8496	Colorado State University	USA	Michael Kirby	B	Honorable Mention
8525	University of California, Irvine	USA	Sarah Eichhorn	B	Honorable Mention
8538	Inner Mongolia Finance and Economics College	China	Qingyun Wang	B	Honorable Mention
8541	University of Pittsburgh	USA	Jonathan Rubin	B	Honorable Mention

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8546	Science of Mathematics	china	Jichun Liu	B	Honorable Mention
8552	Harbin University of Science and Technology	China	Xianhua Song	B	Honorable Mention
8553	Southeast University	China	Jinde Cao	B	Honorable Mention
8577	academy of armored force engineering	china	han de	B	Honorable Mention
5936	Beijing Forestry University	China	Mengning Gao	B	Successful Participant
5941	Northwest University for Nationalities	China	Shuanglian Tian	B	Successful Participant
5942	Southwestern University of Finance and Economics	China	Li Shaowen	B	Successful Participant
5952	Tsinghua University	China	Wenjian Yu	B	Successful Participant
5955	Sichuan University	China	Huilei Han	B	Successful Participant
5956	East China Normal University	China	Yiming Cheng	B	Successful Participant
5957	Renmin University of China	China	Yonghong Long	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
5964	Zhuhai College of Jinan University	china	Zhang Yuanbiao	B	Successful Participant
5965	Zhuhai College of Jinan University	china	Zhang Yuanbiao	B	Successful Participant
5970	Shanghai University of Finance and Economics	China	JINCHENG WANG	B	Successful Participant
5984	Harbin Institute of Technology	China	Yuming Xing	B	Successful Participant
5985	Harbin Institute of Technology	China	Yong Wang	B	Successful Participant
5986	Harbin Institute of Technology	China	Yong Wang	B	Successful Participant
5992	Shanghai University of Finance and Economics	P. R. China	Shaoli Wang	B	Successful Participant
5999	East China Normal University	China	Jin Xu	B	Successful Participant
6004	Nanjing University of Posts and	P.R.CHINA	YI WANG	B	Successful Participant
6008	Sichuan University	P.R.China	Shiqing Zhang	B	Successful Participant
6012	Univ. of Sci. & Tech. of China	P. R. China	Congwen Liu	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6013	Harbin Institute of Technology	China	Bo Han	B	Successful Participant
6014	Harbin Institute of Technology	China	Bo Han	B	Successful Participant
6017	Harbin Institute of Technology	China	Daohua Li	B	Successful Participant
6018	Harbin Institute of Technology	China	Daohua Li	B	Successful Participant
6021	Harbin Institute of Technology	China	Tong Zheng	B	Successful Participant
6023	Harbin Institute of Technology	China	Xilian Wang	B	Successful Participant
6024	Harbin Institute of Technology	China	Xilian Wang	B	Successful Participant
6027	Harbin Institute of Technology	China	Kean Liu	B	Successful Participant
6031	Peking University	P.R.China	Zijing Dong	B	Successful Participant
6033	Peking University	P.R.China	Qiming Sun	B	Successful Participant
6034	Ocean University of China	P.R. China	Qizhi Fang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6045	Peking University	P.R.China	Fei Teng	B	Successful Participant
6048	Peking University	P.R.China	Peng He	B	Successful Participant
6049	Peking University	China	Ma Xiang	B	Successful Participant
6050	Dalian Maritime University	P. R. China	Yun Zhang	B	Successful Participant
6052	Dalian Maritime University	P. R. China	Y. Zhang	B	Successful Participant
6055	Dalian Maritime University	P. R. China	Shuqin Yang	B	Successful Participant
6057	Dalian Maritime University	P. R. China	Dong Yu	B	Successful Participant
6061	Dalian Maritime University	P. R. China	Guoyan Chen	B	Successful Participant
6062	Dalian Maritime University	P. R. China	Yunjie Zhang	B	Successful Participant
6064	East China Normal University	China	ZHIPING LU	B	Successful Participant
6066	Dalian Maritime University	P. R. China	S. Yang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6067	Dalian Maritime University	P. R. China	Yu Dong	B	Successful Participant
6070	Dalian Maritime University	P. R. China	N. Chen	B	Successful Participant
6073	Dalian Maritime University	P. R. China	Yang Shuqin	B	Successful Participant
6079	Peking University , China	China	Shoulin Zhou	B	Successful Participant
6090	Dalian University of Technology	China	Ning Ding	B	Successful Participant
6092	Dalian University of Technology	China	Shimin Shan	B	Successful Participant
6099	Dalian University of Technology	China	Wenjie Liu	B	Successful Participant
6101	Dalian University of Technology	China	Tie Qiu	B	Successful Participant
6130	Nankai University	China	Zhonghua Wu	B	Successful Participant
6134	Peking University	China	Lan Wu	B	Successful Participant
6135	Dalian University of Technology	China	Xiaochen Lai	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6137	Dalian University of Technology	China	Jiaxin Zhao	B	Successful Participant
6140	Dalian University of Technology	China	Fengqi Li	B	Successful Participant
6142	Dalian University of Technology	China	Zhuo Yang	B	Successful Participant
6143	Univ. of Sci. & Tech. of China	P. R. China	Congwen Liu	B	Successful Participant
6144	Civil Aviation University of China	China	Deyi Mou	B	Successful Participant
6155	University of Science and Technology of China	P. R. China	Deyang Gu	B	Successful Participant
6159	Nanjing University	China	Jiabao Zhao	B	Successful Participant
6161	Tsinghua University	China	Jun Ye	B	Successful Participant
6165	China University of Geoscience(Beijing)	China	Zhaodou Chen	B	Successful Participant
6167	Civil Aviation University of China	China	Yuxiang Zhang	B	Successful Participant
6168	Jiading No1 High School	China	yunping Fang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6173	China University of Geosciences(Beijing)	China	Haiying Wang	B	Successful Participant
6174	Shanghai University of Finance and Economics	China	Meiping Xie	B	Successful Participant
6175	Zhongnan University of Economics and Law	China	Guoguang Yan	B	Successful Participant
6177	School of Mathematical Sciences, Peking University	China	Minghua Deng	B	Successful Participant
6187	Xidian university	China	Houjian Tang	B	Successful Participant
6191	Xidian university	China	Lixia LIU	B	Successful Participant
6192	Tsinghua University	China	Xiaoming Sun	B	Successful Participant
6193	China University of Geosciences(Beijing)	China	Haiying Wang	B	Successful Participant
6197	Southwest Jiaotong University	China	Lu Wang	B	Successful Participant
6202	Southwest Jiaotong University	China	Jian Yuan	B	Successful Participant
6204	Tsinghua University	China	Liping Zhang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6212	Harbin Institute of Technology	China	Yan Liu	B	Successful Participant
6213	Harbin Institute of Technology	China	Jiebao Sun	B	Successful Participant
6221	Harbin Institute of Technology	China	Yu Xiao	B	Successful Participant
6225	Harbin Institute of Technology	China	Fuli Li	B	Successful Participant
6226	Harbin Institute of Technology	China	Fuli Li	B	Successful Participant
6228	Harbin Institute of Technology	China	Qi Guo	B	Successful Participant
6229	Harbin Institute of Technology	China	Guanghong Gao	B	Successful Participant
6230	Harbin Institute of Technology	China	Guanghong Gao	B	Successful Participant
6232	Harbin Institute of Technology	China	Jiqun Shao	B	Successful Participant
6245	Shanghai University of Finance and Economics	China	Jieyong Zhou	B	Successful Participant
6246	Qingdao Agricultural University	P.R. China	Hui Li	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6247	California Polytechnic State University	USA	Lawrence Sze	B	Successful Participant
6248	California Polytechnic State University	USA	Lawrence Sze	B	Successful Participant
6250	Sichuan University of China	China	Lamei He	B	Successful Participant
6251	Shanghai Yucai High School	China P.R.	Zhenwei Yang	B	Successful Participant
6252	Shanghai Yucai High School	China P.R.	Zhenwei Yang	B	Successful Participant
6256	Wesleyan College	USA	Joseph Iskra	B	Successful Participant
6257	China University of Petroleum(huadong)	The People's	Qihua Niu	B	Successful Participant
6259	Shanghai Jiading No.1 Senior High School	China	Siyuan Yang	B	Successful Participant
6262	Zhejiang Sci-Tech University	P.R.China	Hua Luo	B	Successful Participant
6269	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Successful Participant
6270	SSE, Beijing University of Posts and	China	Xinchao Zhao	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6272	Sichuan Agricultural University	China	Lili Wang	B	Successful Participant
6274	Shanghai Yucai High School	China P.R.	Xiaodong Zhou	B	Successful Participant
6275	Shanghai Yucai High School	China P.R.	Xiaodong Zhou	B	Successful Participant
6276	Beijing Institute of Technology	China	Hai Jin	B	Successful Participant
6277	Beijing Institute of Technology	China	Bing-Zhao Li	B	Successful Participant
6284	Shanghai University of Finance and Economics	China	Di Wu	B	Successful Participant
6285	International School	China	Wenbo Zhang	B	Successful Participant
6301	Sichuan Agricultural University	China	Houhui Huang	B	Successful Participant
6306	Harbin Institute of Technology	P.R.China	Hui Zhao	B	Successful Participant
6317	Southeast University	The People's	Jinguan Lin	B	Successful Participant
6318	Southeast University	The People's	Jinguan Lin	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6335	Beijing Language and Culture University	China	Guilong Liu	B	Successful Participant
6337	Beijing Language and Culture University	China	Yanbing Feng	B	Successful Participant
6340	Beijing Language and Culture University	China	Xiaoxia Zhao	B	Successful Participant
6345	Zhuhai College of Jinan University	china	Yunbiu Zhang	B	Successful Participant
6357	Beijing Language and Culture University	China	Yonggang Fu	B	Successful Participant
6359	Beijing Language and Culture University	China	Ping Yang	B	Successful Participant
6361	Beijing Language and Culture University	China	weihua An	B	Successful Participant
6364	East China Normal University	China	Han Ren	B	Successful Participant
6367	Northwest University & NanKan University	China	Ji-Hong Dou	B	Successful Participant
6370	Sichuan University	CHINA	XINCHANG MIN	B	Successful Participant
6372	harbin engineering university	P.R.China	dong yunji	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6375	Beijing Institute of Technology	China	Hou-Bao XU	B	Successful Participant
6377	Harbin Engineering University	P.R.China	Wang Shujuan	B	Successful Participant
6378	harbin engineering university	P.R.China	chen zhijie	B	Successful Participant
6379	harbin engineering university	P.R.China	chen zhijie	B	Successful Participant
6380	Harbin Engineering University	P.R.China	wang xiaoying	B	Successful Participant
6385	harbin engineering university	P.R.China	cai kuijie	B	Successful Participant
6388	harbin engineering university	P.R.China	sun guangyi	B	Successful Participant
6392	harbin engineering university	P.R.China	jiang jin	B	Successful Participant
6399	Beijing Forestry University	China	Quandong Feng	B	Successful Participant
6402	China University of Petroleum (east China)	China	zhang jun	B	Successful Participant
6405	East China Normal University	P.R.China	Changhong Lu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6409	Peking University	P.R.China	MaoZheng Guo	B	Successful Participant
6413	Peking University	China	Jingping Yang	B	Successful Participant
6414	Heilongjiang University	Peoples Republic of	Ruizhi Zhang	B	Successful Participant
6424	school of science	china	zhenyu xu	B	Successful Participant
6427	College of Information Science and Engineering,	P.R.China	Wang Xinzeng	B	Successful Participant
6431	Zhejiang Normal University	China	Lu xinzhong	B	Successful Participant
6433	Zhongnan University of Economics and Law	China	Lei Xiao	B	Successful Participant
6434	Teacher	China	Pan yunlan	B	Successful Participant
6440	Zhejiang Normal University	China	Shen zuxiang	B	Successful Participant
6441	Zhejiang Normal University	China	Shen zuxiang	B	Successful Participant
6442	Zhejiang Normal University	China	Chen Dong	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6443	Zhejiang Normal University	China	Chen Dong	B	Successful Participant
6446	Heilongjiang University	Peoples Republic of	Ruizhi Zhang	B	Successful Participant
6447	Heilongjiang University	The People's	Ji Zhu	B	Successful Participant
6452	EAST CHINA NORMAL UNIVERSITY	China	Zhonghao Xu	B	Successful Participant
6454	Henan University of Finance and Economics	China	Weiping Li	B	Successful Participant
6456	Soochow University	China	Yu Tang	B	Successful Participant
6457	Henan University of Finance and Economics	China	Weiping Li	B	Successful Participant
6465	Soochow University	China	Ji-Gao Yan	B	Successful Participant
6473	College of Information Science and Engineering of	China	Yulin Dong	B	Successful Participant
6475	College of Information Science and Engineering of	China	Hongwei Yang	B	Successful Participant
6480	harbin engineering university	P.R.China	shen jihong	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6481	harbin engineering university	P.R.China	zhang xiaowei	B	Successful Participant
6487	Shandong University of Science and Technology	China	Xinzeng Wang	B	Successful Participant
6493	Xi'an Jiaotong University	China	Xu Zhu	B	Successful Participant
6494	Xi'an Jiaotong University	China	Lizhou Wang	B	Successful Participant
6504	Shandong University of Science and Technology	China	Dong Huanhe	B	Successful Participant
6505	Shandong University of Science and Technology	China	Huan dong	B	Successful Participant
6508	Dalian Nationalities Innovation College,Dalian	China	Shuqiang Cong	B	Successful Participant
6511	College of Science,Dalian Nationalities University	China	Rendong Ge	B	Successful Participant
6515	Shandong University of Science and Technology	P.R.China	Congying Han	B	Successful Participant
6521	Zhejiang Normal University	China	Zhang Huajun	B	Successful Participant
6525	Zhejiang Normal University	China	Bu yuehua	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6527	Zhejiang Normal University	China	He guolong	B	Successful Participant
6528	Zhejiang Normal University	China	He guolong	B	Successful Participant
6531	Zhejiang Normal University	China	Zhu Weiyi	B	Successful Participant
6534	Shandong University of Science & Technology	China	Qiuxia Sun	B	Successful Participant
6548	School of information science and Engineering ,	P.R.China	Rong Zong	B	Successful Participant
6551	Donghua University	China	Liangjian Hu	B	Successful Participant
6553	Donghua University	China	Yunsheng Lu	B	Successful Participant
6580	Shandong University	P.R.China	Tongchao LU	B	Successful Participant
6609	Century College,Beijing University of Posts and	China	Hongwei Jin	B	Successful Participant
6616	China University of Mining and Technology	China	Xiaobo Yin	B	Successful Participant
6660	Shandong University	P.R.China	Yunxin LIU	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6679	College of Computer Science and Engineering,	China	Dejun Yan	B	Successful Participant
6680	College of Computer Science and Engineering,	China	Hengbo Zhang	B	Successful Participant
6684	Dalian Nationalities Innovation College,Dalian	China	Rixia Bai	B	Successful Participant
6685	Dalian Nationalities Innovation College,Dalian	China	Xingwen Chen	B	Successful Participant
6697	University of Science and Technology Beijing	China	Dongmei Ai	B	Successful Participant
6698	University of Science and Technology Beijing	China	Jing Zhu	B	Successful Participant
6705	Beijing forestry university	CHINA	quandong Feng	B	Successful Participant
6707	Xi'an Jiaotong University	China	Yicang Zhou	B	Successful Participant
6709	Xi'an Jiaotong University	China	Xiaoliang He	B	Successful Participant
6710	civil aviation university of china	china	xia feng	B	Successful Participant
6711	Xi'an Jiaotong University	China	Wenjing Yan	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6713	Xi'an Jiaotong University	China	Jian Su	B	Successful Participant
6718	China Three Gorges University	P.R.China	Taigui Qin	B	Successful Participant
6722	University of Science and Technology of China	China	Wang Xiansi	B	Successful Participant
6724	Southwestern University of Finance and Economics	China	Ruwei Zhou	B	Successful Participant
6725	ShanDong university of science and technology	China	zhang lin	B	Successful Participant
6726	Shandong university	China	Yuquan CUI	B	Successful Participant
6739	Zhejiang University	P. R. China	Zhongfei Zhang	B	Successful Participant
6751	Zhejiang University	P. R. China	An Zhang	B	Successful Participant
6753	Zhejiang University	P. R. China	Chao Peng	B	Successful Participant
6756	Central China Normal University	China	Bo Li	B	Successful Participant
6759	Central China Normal University	China	Bo Li	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6761	Southwestern University of Finance and Economics	China	Jie Ma	B	Successful Participant
6763	Shandong University	P.R.China	Xiaoxia RONG	B	Successful Participant
6770	Truman State University	USA	Steve Smith	B	Successful Participant
6773	University of Petroleum	China	Hua Chen	B	Successful Participant
6774	University of Petroleum	China	Hua Chen	B	Successful Participant
6776	East China University of Science and Technology	China	Liu Zhaohui	B	Successful Participant
6781	East China University of Science and Technology	China	Su Chunjie	B	Successful Participant
6787	Northeastern University at Qinhuangdao	P. R. China	Shimei Ma	B	Successful Participant
6791	Donghua University	China	Junmei Hou	B	Successful Participant
6792	Shanghai University	PR China	Sheng Wancheng	B	Successful Participant
6793	Shanghai University	PR China	Wu Donghua	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6794	Shanghai University	PR China	Wang Yuandi	B	Successful Participant
6795	Shanghai University	PR China	Yang Yongjian	B	Successful Participant
6800	Shanghai University	PR China	Huang Wei	B	Successful Participant
6804	Nanjing University of Information Science and	China	Dafeng Xia	B	Successful Participant
6805	Beijing Forestry University	China	Yang Xia	B	Successful Participant
6806	Shanghai University	PR China	Sheng Wancheng	B	Successful Participant
6807	ShandongUniversity	China	Sheng Hu	B	Successful Participant
6808	Xuzhou Institute of Architectural Technology	P.R.China	Guo Jian	B	Successful Participant
6816	Xi'an Jiaotong University	China	Qiang Zhang	B	Successful Participant
6817	Xi'an Jiaotong University	China	Hongying Zhang	B	Successful Participant
6818	Beijing Jiaotong University	China	Robert Gledhill	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6827	Chongqing University	P.R.China	Zhengmin Duan	B	Successful Participant
6830	Universtity of Science and Technology of China	China	HAN FANG	B	Successful Participant
6831	Business School,University of Shanghai for	P.R.China	Jianguo liu	B	Successful Participant
6832	Business School,University of Shanghai for	P.R.China	Bo Wang	B	Successful Participant
6833	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
6834	Beijing Forestry University	China	Hongjun Li	B	Successful Participant
6835	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
6836	Business School,University of Shanghai for	P.R.China	Qiang Guo	B	Successful Participant
6838	Business School,University of Shanghai for	P.R.China	Jianguo liu	B	Successful Participant
6839	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
6843	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6846	Dalian University of Technology	P.R.China	Qihui Pan	B	Successful Participant
6848	Dalian University of Technology	P.R.China	Qihui Pan	B	Successful Participant
6850	Dalian University of Technology	P.R.China	Qihui Pan	B	Successful Participant
6853	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
6854	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
6857	Peking University	P.R.China	Peng He	B	Successful Participant
6858	Dalian University of Technology	P.R.China	Zhen Wang	B	Successful Participant
6859	Bohai University	P.R.China	Yan Song	B	Successful Participant
6860	Bohai University	P.R.China	Yan Song	B	Successful Participant
6864	Shenyang Normal University	P.R.China	Desheng Li	B	Successful Participant
6865	Shenyang Normal University	P.R.China	Xiaoyi Li	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6866	Shenyang Normal University	P.R.China	Xianji Meng	B	Successful Participant
6871	College of Engineering, Peking University	P.R.China	Qingdong Cai	B	Successful Participant
6872	Shenzhen polytechnic	China	Xiaohong Kang	B	Successful Participant
6876	Shenzhen polytechnic	China	Yueping Li	B	Successful Participant
6885	Lingnan(University)College,Sun Yat-sen University	China	Lian YuJun	B	Successful Participant
6886	SHNGHAI LIXIN UNIVERSITY OF COMMERCE	CHINA	Jin GONG	B	Successful Participant
6887	Beijing Normal University	China	Zhengru Zhang	B	Successful Participant
6890	School of Software Central South University	China	He Wei	B	Successful Participant
6891	School of Traffic and Transportation Engineering,	China	Kunnan Yi	B	Successful Participant
6903	School of Traffic and Transportation Engineering,	China	Kunnan Yi	B	Successful Participant
6913	Dalian University of Technology	P.R.China	Liang Zhang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6914	Dalian Neusoft Institute of Information	P.R.China	Yuxin Zhao	B	Successful Participant
6915	Dalian University of Technology	P.R.China	Liang Zhang	B	Successful Participant
6918	Dalian University of Technology	P.R.China	Xiaodan Zhang	B	Successful Participant
6928	School Of Mathematics Central South University	China	Zhang H.Y	B	Successful Participant
6930	Dalian University of Technology	P.R.China	Dongjuan Fu	B	Successful Participant
6933	Dalian Neusoft Institute of Information	P.R.China	Meng Liu	B	Successful Participant
6935	University of International Business and Economics	P.R.China	Qiang Tong	B	Successful Participant
6936	University of Science and Technology of China	China	Ximing Wang	B	Successful Participant
6940	China University of Geosciences(Beijing)	China	Guangdong Huang	B	Successful Participant
6942	Chongqing University	P.R.China	Jian Xiao	B	Successful Participant
6943	Chongqing University	P.R.China	Jian Xiao	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6944	Tsinghua University	China	Liping Zhang	B	Successful Participant
6946	Beijing Jiaotong University	China	Bingtuan Wang	B	Successful Participant
6948	Beijing Jiaotong University	China	Bingli Fan	B	Successful Participant
6950	Beijing Jiaotong University	China	Lichun Wang	B	Successful Participant
6951	Beijing Jiaotong University	China	Lichun Wang	B	Successful Participant
6953	Beijing Jiaotong University	China	Yingdong Liu	B	Successful Participant
6955	Peking University	P. R. China	Guobao Li	B	Successful Participant
6957	Beijing Normal University	P.R.China	Laifu Liu	B	Successful Participant
6958	University of International Business and Economics	China	Bing Li	B	Successful Participant
6962	Xuhai college of China University of Minging and	The People's	Fei Tang	B	Successful Participant
6967	Dalian University of Technology	P.R.China	Zhenyu Wu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
6975	Dalian University of Technology	P.R.China	Lin Yuan	B	Successful Participant
6980	Dalian University of Technology	P.R.China	Zhenyu Wu	B	Successful Participant
6981	Dongbei University of Finance & Economics	P.R.China	Yongbing Zheng	B	Successful Participant
6984	Anshan Normal College	P.R.China	Huimin Liu	B	Successful Participant
6991	University of Science and Technology of China	China	Yuhuai Li	B	Successful Participant
6995	Ludong Uninversity	China	Wei Liu	B	Successful Participant
6996	Ludong Uninversity	China	Jingang Zhai	B	Successful Participant
6999	Southeast University	China	Liyang Wang	B	Successful Participant
7012	Sichuan University of China	china	jingmin chen	B	Successful Participant
7017	Chang'an University	China	Song Li	B	Successful Participant
7019	Zhejiang University of Finance and Economics	China	Ji Luo	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7027	shanghai university of finance and economics	china	yu yun	B	Successful Participant
7028	Civil Aviation University of China	China	Chunjing Xiao	B	Successful Participant
7043	Western Washington University	USA	Tjalling Ypma	B	Successful Participant
7098	Sun Yat-Sen University	China	Xiaolong Jiang	B	Successful Participant
7149	Yunnan University	China	MuRong Jiang	B	Successful Participant
7187	Shanghai Finance University	P. R. China	Yong Fang	B	Successful Participant
7188	Shanghai Finance University	P. R. China	Zhengyi Jiang	B	Successful Participant
7190	Shanghai Finance University	P. R. China	Rongqiang Che	B	Successful Participant
7210	Ningbo Institute of Technology, Zhejiang University	PR China	Lihui Tu	B	Successful Participant
7213	Jilin University	China	Shishun Zhao	B	Successful Participant
7229	University of Electronic Science and Technology of	P. R. China	GuoLiang He	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7235	Beijing Jiaotong University	China	Bingtuan Wang	B	Successful Participant
7237	Beijing Jiaotong University	China	Tao Feng	B	Successful Participant
7239	Beijing Jiaotong University	China	Tao Feng	B	Successful Participant
7240	Beijing Jiaotong University	China	Guozhong Liu	B	Successful Participant
7241	Dalian naval academy	China	Huang wei	B	Successful Participant
7243	Dalian naval academy	China	Huang wei	B	Successful Participant
7246	Zhengzhou Information Engineering University	China	Zhang Xiaoyong	B	Successful Participant
7251	Shanghai Normal University	P.R.China	Zhang Xiaobo	B	Successful Participant
7252	Beijing Jiaotong University	China	Kangkang Xu	B	Successful Participant
7255	Shanghai Normal University	P.R.China	Liu Rongguan	B	Successful Participant
7259	Beijing Jiaotong University	China	Jiguang Shao	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7260	Beijing Jiaotong University	China	Jiguang Shao	B	Successful Participant
7264	Tsinghua University	China	Ran Liu	B	Successful Participant
7268	Beijing Normal University	China	Laifu Liu	B	Successful Participant
7269	Tongji University	China	Junfeng Yin	B	Successful Participant
7280	South China Agriculture University	China	Zhang Shengxiang	B	Successful Participant
7290	Nanjing University of Information Science and	China	Ling Tao	B	Successful Participant
7292	Huazhong Agricultural University	China	Xiaoyin Wang	B	Successful Participant
7295	Shanghai Jiaotong University	P.R.China	Xiaojun Liu	B	Successful Participant
7297	Shanghai Jiaotong University	P.R.China	Liuqing Xiao	B	Successful Participant
7298	Shanghai Jiaotong University	P.R.China	Liuqing Xiao	B	Successful Participant
7301	Shanghai Jiaotong University	P.R.China	Jingliang Yue	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7304	Beijing Normal University	P.R.China	Fusheng Yu	B	Successful Participant
7306	Chongqing University	P.R.China	Luosheng Wen	B	Successful Participant
7308	Chongqing University	P.R.China	Xiaohong Zhang	B	Successful Participant
7309	Chongqing University	P.R.China	Tengzhong Rong	B	Successful Participant
7311	Beijing Forestry University	The People's	Sheng Liu	B	Successful Participant
7313	Central University of Finance and Economics	China	Xiuguo Wang	B	Successful Participant
7316	Beijing Jiaotong University	China	Jing Wang	B	Successful Participant
7318	Beijing Jiaotong University	China	Yongsheng Wei	B	Successful Participant
7321	College of Sciences ; Northeastern University	P.R.China	yang guo	B	Successful Participant
7326	Southeast University	China	Wenyan Chen	B	Successful Participant
7328	Shandong University of Science and Technology	China	Xinyue Li	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7329	Shanghai University of Finance&Economics	China	Jia Jia	B	Successful Participant
7330	University of Science and Technology of China	China	Wei Zhu	B	Successful Participant
7336	Central University of Finance and Economics	China	Zhao Yin	B	Successful Participant
7339	Hunan Institute of Humanities,Science and	China	Chen Guohua	B	Successful Participant
7343	Beijing No.4 High School	China	Rongqiang Ji	B	Successful Participant
7349	Beijing No.4 High School	China	Jinli Miao	B	Successful Participant
7356	Institution of Intelligent Robots and Pattern	P.R.China	Tong Jia	B	Successful Participant
7360	Institution of Intelligent Robots and Pattern	P.R.China	Shuying Zhao	B	Successful Participant
7365	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Successful Participant
7366	School of Sci., Beijing Univ. of Posts & Telecomm.	China	Tianping Shuai	B	Successful Participant
7368	School of Sci., Beijing Univ. of Posts & Telecomm	China	Xiaoxia Wang	B	Successful Participant

**2010 MCM Problem B Contest Results**

Ctrl #	Institution	Country	Advisor	Problem	Designation
7381	Dalian University	China	Jiatai Gang	B	Successful Participant
7382	Beijing University of Aeronautics and Astronautics	The People's	Xue Mei	B	Successful Participant
7383	Dalian University	China	Sanshan Gang	B	Successful Participant
7384	Shanghai Foreign Language School	China	LIQUN PAN	B	Successful Participant
7387	Shandong University of Science and Technology	P.R.China	Congying Han	B	Successful Participant
7390	Shenyang Institute of Aeronautical Engineering	China	Li Wang	B	Successful Participant
7393	Shenyang Institute of Aeronautical Engineering	China	Liangchen Wen	B	Successful Participant
7398	Tsinghua University	China	Fengshan Bai	B	Successful Participant
7400	South China Normal University	China	Shaohui Zhang	B	Successful Participant
7402	Central University of Finance and Economics	China	Dengshan Wang	B	Successful Participant
7405	Wuhan University	P.R. China	Aijiao Deng	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7410	China University of Petroleum-Beijing	P.R. China	Xiaoguang Lu	B	Successful Participant
7412	University of Wisconsin--River Falls	USA	Kathy Tomlinson	B	Successful Participant
7416	Dalian University of Technology	P.R.China	Mingfeng He	B	Successful Participant
7421	west anhui university	China	yue qin	B	Successful Participant
7423	Zhengzhou Information Engineering Institute	China	Changyong Peng	B	Successful Participant
7424	west anhui university	China	Shi MingHua	B	Successful Participant
7426	west anhui university	China	Li GuoCheng	B	Successful Participant
7428	North China Electric Power University(Baoding)	China	YAGANG ZHANG	B	Successful Participant
7430	North China Electric Power University(Baoding)	China	JINGGANG LIU	B	Successful Participant
7432	North China Electric Power University(Baoding)	China	PO ZHANG	B	Successful Participant
7434	North China Electric Power University(Baoding)	China	JINGGANG LIU	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7437	Beijing Univ. of Posts & Telecomm.	China	Lixia Wang	B	Successful Participant
7440	Beijing Univ. of Posts & Telecomm.	China	Xiaoxia Wang	B	Successful Participant
7443	Beijing Univ. of Posts & Telecomm.	China	Xinchao Zhao	B	Successful Participant
7445	Beijing Univ. of Posts & Telecomm.	China	Qing Zhou	B	Successful Participant
7455	School of Telecomm. Eng.,Beijing Univ. of Posts	China	Xiaoxia Wang	B	Successful Participant
7462	Yanbian University	china	yin zhe	B	Successful Participant
7466	School of Science of Wuhan University of	China	Chen Jianye	B	Successful Participant
7467	School of Science of Wuhan University of	China	Chu Yangjie	B	Successful Participant
7469	School of Science of Wuhan University of	China	He Lang	B	Successful Participant
7470	School of Science of Wuhan University of	China	He Lang	B	Successful Participant
7471	School of Science of Wuhan University of	China	Liu Yang	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7473	School of Science of Wuhan University of	China	Huang Xiaowei	B	Successful Participant
7474	School of Science of Wuhan University of	China	Huang Xiaowei	B	Successful Participant
7476	School of Science of Wuhan University of	China	Zhu Huiying	B	Successful Participant
7477	Peking University	China	ZuHui Fan	B	Successful Participant
7481	Shenyang University of Technology	P.R.CHINA	Bo Wang	B	Successful Participant
7491	Shenyang Institute of Aeronautical Engineering	China	Lin Li	B	Successful Participant
7493	Shenyang Institute of Aeronautical Engineering	China	Meijiao Liu	B	Successful Participant
7502	University of Washington	USA	James Burke	B	Successful Participant
7504	Worcester Polytechnic Institute	USA	Burt Tilley	B	Successful Participant
7510	University of Colorado - Boulder	USA	Bengt Fornberg	B	Successful Participant
7511	Institution of Intelligent Robots and Pattern	P.R.China	Dongyue Chen	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7512	School of Mechanical Engineering and Automation,	P.R.China	Xuehong He	B	Successful Participant
7514	Research Center of Control & Simulation;	P.R.China	Jianjiang Cui	B	Successful Participant
7515	Research Center of Control & Simulation;	P.R.China	Jianjiang Cui	B	Successful Participant
7521	Institute of System Science;Northeastern University	P.R.China	Xuefeng Zhang	B	Successful Participant
7526	Institute of Artificial Intelligence and Robotics;	P.R.China	Zixi Jia	B	Successful Participant
7528	College of Sciences ; Northeastern University	P.R.China	yang guo	B	Successful Participant
7530	China University of Petroleum-Beijing	P.R. China	Yang Gao	B	Successful Participant
7532	Chengdu University of Technology	China	Yong Yuan	B	Successful Participant
7533	Jilin Institute of Chemical Technology	China	Feng Lin	B	Successful Participant
7534	Central University of Finance and Economics	P.R.CHINA	Huiqing Huang	B	Successful Participant
7535	Chengdu University of Technology	China	Guangxin Huang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7537	Jilin Institute of Chemical Technology	China	Weina Wang	B	Successful Participant
7540	Peking University	China	Tiemin Wang	B	Successful Participant
7541	Chang'an University	China	Zheng Qiuya	B	Successful Participant
7545	Chang'an University	China	Wang ming	B	Successful Participant
7546	School of Science of Wuhan University of	China	Zhu Huaping	B	Successful Participant
7549	School of Science of Wuhan University of	China	Liu Chunhui	B	Successful Participant
7557	The College of Idaho	USA	James Dull	B	Successful Participant
7560	Loyola University Maryland	USA	Jiyuan Tao	B	Successful Participant
7563	Sonoma State University	USA	Brigitte Lahme	B	Successful Participant
7573	Fujian Agriculture and Forestry University	China	Lurong Wu	B	Successful Participant
7575	South China Normal University	China	Tan Yang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7577	RENMIN UNIVERSITY OF CHINA	CHINA	ZONGFEI FU	B	Successful Participant
7585	Wartburg College	USA	Mariah Birgen	B	Successful Participant
7588	Western Connecticut State University	USA	Josephine Hamer	B	Successful Participant
7594	Huazhong University of Science and Technology	PR China	Zhengyang Mei	B	Successful Participant
7596	Shandong University at Weihai	P.R.China	Xiao Hua Cao Zhulou	B	Successful Participant
7597	Jinan University	China	SUOHAI FAN	B	Successful Participant
7601	Shandong University at Weihai	P.R.China	Zhulou Cao	B	Successful Participant
7604	Jinan University	China	SHIZHUAN LUO	B	Successful Participant
7607	Jinan University	China	CHUANLIN ZHANG	B	Successful Participant
7609	Huizhou University	China	Wenlin Gui	B	Successful Participant
7611	University of Science and Technology of China	China	Chen Yang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7616	Shandong University at Weihai	P.R.China	Zhulou Cao	B	Successful Participant
7621	Universiti Teknologi MARA	Malaysia	Rasimah Aripin	B	Successful Participant
7624	Anhui University	China	Fei Zhang	B	Successful Participant
7627	Shandong University at Weihai	P.R.China	Jing Li	B	Successful Participant
7629	Shandong University at Weihai	P.R.China	Cao Zhulou Liu Jiaguo	B	Successful Participant
7635	South China University of Technology	China	Shenquan Liu	B	Successful Participant
7638	Shanghai University of Finance and Economics	China	Suoxian Pan	B	Successful Participant
7640	Shandong University at Weihai	P.R.China	Huimin Song	B	Successful Participant
7643	South China University of Technology	China	Shenquan Liu	B	Successful Participant
7644	Shandong University of Science and Technology	China	Li Gang	B	Successful Participant
7645	South China University of Technology	China	Ping Huang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7646	South China University of Technology	China	Ping Huang	B	Successful Participant
7663	South China University of Technology	China	Rui Kuang	B	Successful Participant
7669	Hunan University	China	Han Luo	B	Successful Participant
7671	Hunan University	China	Yichao Chen	B	Successful Participant
7673	Hunan University	China	Zhiqiang You	B	Successful Participant
7674	Hunan University	China	Shangjiang Guo	B	Successful Participant
7676	Hunan University	China	Yichao Chen	B	Successful Participant
7679	Hunan University	China	Chuanxiu Ma	B	Successful Participant
7684	South China University of Technology	China	Bo Xie	B	Successful Participant
7689	Simpson College	USA	Heidi Berger	B	Successful Participant
7692	Simpson College	USA	Murphy Waggoner	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7693	Simpson College	USA	Werner Kolln	B	Successful Participant
7695	Simpson College	USA	Rick Spellerberg	B	Successful Participant
7702	Simpson College	USA	Clint Meyer	B	Successful Participant
7703	Simpson College	USA	Paul Craven	B	Successful Participant
7706	Seattle University	USA	Jeffery DiFranco	B	Successful Participant
7708	Institution of Software; Northeastern University	P.R.China	GuangMing Yang	B	Successful Participant
7713	Institution of Mathematics;Northeastern University	P.R.China	Shuni Song	B	Successful Participant
7714	Institution of Mathematics;Northeastern University	P.R.China	Yanrui Sun	B	Successful Participant
7716	Institution of Mathematics;Northeastern University	P.R.China	Yun Yang	B	Successful Participant
7721	Huazhong University of Science and Technology	PR China	Zhibin Han	B	Successful Participant
7722	Huazhong University of Science and Technology	PR China	Zhibin Han	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7724	Shenyang University	China	Guiyan Mu	B	Successful Participant
7727	Beihua University, Jilin, China	China	Wenyu Li	B	Successful Participant
7728	Beihua University, Jilin, China	China	Yiyun Liu	B	Successful Participant
7730	Beihua University, Jilin, China	China	Hui Li	B	Successful Participant
7733	Beihua University, Jilin, China	China	Yunlong Lu	B	Successful Participant
7734	Beihua University, Jilin, China	China	Xiaowei Jiang	B	Successful Participant
7735	Beijing Normal University	P.R.China	Wenan Guo	B	Successful Participant
7736	Huazhong University of Science and Technology	PR China	Nanzhong He	B	Successful Participant
7743	Central University of Finance and Economics	China	Zhaoxu Sun	B	Successful Participant
7748	Shanghai University of Finance and Economics	P.R.China	Bei Zhang	B	Successful Participant
7750	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	LIQUN PAN	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7753	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	YUE SUN	B	Successful Participant
7755	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	LIANG TAO	B	Successful Participant
7759	Xuzhou Air Force College	P.R.China	Wang Xiaoyan	B	Successful Participant
7770	University of Science and Technology of China	China	Lan Liu	B	Successful Participant
7775	Tsinghua University	China	Zhi Deng	B	Successful Participant
7776	Guangxi University	P.R.China	Ruxue Wu	B	Successful Participant
7777	Guangxi University	P.R.China	Ruxue Wu	B	Successful Participant
7778	Guangxi University	P.R.China	Zhongxing Wang	B	Successful Participant
7780	Guangxi University	P.R.China	Zhongxing Wang	B	Successful Participant
7786	Tsinghua University	China	Zhijian Ou	B	Successful Participant
7790	Central university of finance and economics	China	Xiaoming Fan	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7792	Institut Teknologi Bandung	Indonesia	Nuning Nuraini	B	Successful Participant
7795	Southwest University	China	Xuegao Zheng	B	Successful Participant
7799	Southwest University	China	Lin Wei	B	Successful Participant
7800	Xiamen University	China	Shiyin Li	B	Successful Participant
7802	North China Electric Power University	China	Qirong Qiu	B	Successful Participant
7803	USTC	China	qingcui wang	B	Successful Participant
7804	Shandong University	China	yufeng shi	B	Successful Participant
7807	Sun Yat-Sen University	P R China	GuoCan FENG	B	Successful Participant
7808	Sun Yat-Sen University	P R China	GuoCan FENG	B	Successful Participant
7811	Beihang University	The People's	Wei Feng	B	Successful Participant
7816	Richard Stockton College of NJ	USA	Brandy Rapatski	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7818	Vassar College	USA	John McCleary	B	Successful Participant
7823	Lewis & Clark College	USA	Elizabeth Stanhope	B	Successful Participant
7824	Lewis & Clark College	USA	Elizabeth Stanhope	B	Successful Participant
7838	University of San Diego	USA	Diane Hoffoss	B	Successful Participant
7840	Software Institute,Nanjing University	The People's	Gao zheyuan	B	Successful Participant
7841	University of San Diego	USA	Cameron Parker	B	Successful Participant
7846	Harbin Institute of Technology	China	Hongbin Wang	B	Successful Participant
7847	Harbin Institute of Technology	China	Jing Jin	B	Successful Participant
7849	Nantong University	China	Guosheng Ding	B	Successful Participant
7853	Harbin Institute of Technology	China	Yong Shuai	B	Successful Participant
7855	Harbin Institute of Technology	China	Daren Yu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7858	Binzhou University	China	Li yuan Shang	B	Successful Participant
7860	Sun Yat-sen University	P R China	ZhengLu JIANG	B	Successful Participant
7865	Inner Mongolia University	China(PRC)	Zhuang Ma	B	Successful Participant
7869	Sun Yat-sen University	P R China	XiaoMing LIU	B	Successful Participant
7870	Sichuan University	China	Hongliang Lai	B	Successful Participant
7871	Harbin Institute of Technology	China	Yongren Xu	B	Successful Participant
7874	Harbin Institute of Technology	China	Fengyun Guo	B	Successful Participant
7882	Harbin Institute of Technology	China	Yinsheng Wei	B	Successful Participant
7883	Harbin Institute of Technology	China	Yinsheng Wei	B	Successful Participant
7884	Nantong University	China	Xunqian Xu	B	Successful Participant
7886	Harbin Institute of Technology	China	Weiye Han	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7893	Harbin Institute of Technology	China	Jing Chen	B	Successful Participant
7895	Harbin Institute of Technology	China	Xiubo Tian	B	Successful Participant
7897	Tsinghua University	China	Heng Liang	B	Successful Participant
7902	Southwestern University of Finance and Economics	China	JiangMing Sun	B	Successful Participant
7903	Harbin Institute of Technology	China	Dalie Sun	B	Successful Participant
7907	Harbin Institute of Technology	China	Wen Bao	B	Successful Participant
7910	Shanghai University of Finance and Economy	China	Yu Yun	B	Successful Participant
7914	Southwest University	China	Yangrong Li	B	Successful Participant
7917	USMA	USA	Jessica Mikhaylov	B	Successful Participant
7923	Central University of Finance and Economics	China	Xiuhong Shi	B	Successful Participant
7926	Nanjing University of Sci. & Tech.	P.R. China	Chungen Xu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7927	Hefei University of Techonology	P.R.China	Xianfa Jiao	B	Successful Participant
7928	Nanjing University of Sci. & Tech.	P.R. China	Jinhua fan	B	Successful Participant
7931	Hefei University of Techonology	P.R.China	Xianfa Jiao	B	Successful Participant
7932	Nanjing University of Sci. & Tech.	P.R. China	Liwei Liu	B	Successful Participant
7935	Nanjing University of Sci. & Tech.	P.R. China	Chungen Xu	B	Successful Participant
7939	Harbin Institute of Technology	China	Xiaojun Ban	B	Successful Participant
7940	Harbin Institute of Technology	China	Xuezhi Tan	B	Successful Participant
7941	Harbin Institute of Technology	China	Xuezhi Tan	B	Successful Participant
7943	Harbin Institute of Technology	China	Shu Lin	B	Successful Participant
7946	California State University, Northridge	USA	Gholam-Ali Zakeri	B	Successful Participant
7952	Zhejiang University of Technology	P.R.China	Xuejun Wu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7954	Zhejiang University of Technology	P.R.China	Minghua Zhou	B	Successful Participant
7957	Yunnan University	China	MENG JIE	B	Successful Participant
7960	Zhejiang University of Technology	P.R.China	Yongqi Li	B	Successful Participant
7963	Yunnan University	China	ZHANG BO	B	Successful Participant
7973	Hefei University of Technonology	P.R.China	Tong Li	B	Successful Participant
7974	Beijing Normal University	China	Lin Yang	B	Successful Participant
7976	Hefei University of Technonology	P.R.China	Jinju Wang	B	Successful Participant
7979	Hefei University of Technonology	P.R.China	Shixin Zhu	B	Successful Participant
7983	Zhejiang Gongshang University	P.R.China	Ding Zhengzhong	B	Successful Participant
7985	Zhejiang Gongshang University	P.R.China	Hua Jiukun	B	Successful Participant
7990	Zhejiang Gongshang University	P.R.China	Ding Dawei	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
7994	Zhejiang Gongshang University	P.R.China	Yinfei Li	B	Successful Participant
7996	Zhengzhou Information Engineering University	China	Wang Youwei	B	Successful Participant
8000	Xuzhou Institute of Technology	P.R.China	Jiang Yingzi	B	Successful Participant
8007	Beijing Normal University	P.R.China	Xianghui Shi	B	Successful Participant
8012	Shanghai University of Finance and Economics	China	Yang Bai	B	Successful Participant
8017	Saint Mary's College	USA	Bogdan Vajiac	B	Successful Participant
8021	Northern Kentucky University	USA	Lisa Holden	B	Successful Participant
8025	Winthrop University	USA	Joseph Rusinko	B	Successful Participant
8029	Brigham Young University	USA	Scott Glasgow	B	Successful Participant
8033	Arizona State University	USA	tom taylor	B	Successful Participant
8034	Hebei Polytechnic University	china	shaohong yan	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8036	Jilin University	China	Yuecai Han	B	Successful Participant
8041	Beijing Normal University	The People's	Cui Hengjian	B	Successful Participant
8043	Hebei Polytechnic University	china	lihui zhou	B	Successful Participant
8049	Hangzhou Dianzi University	P. R. China	Zheyong Qiu	B	Successful Participant
8050	Hangzhou Dianzi University	P. R. China	Hao Shen	B	Successful Participant
8056	Hangzhou Dianzi University	P. R. China	Chengjia Li	B	Successful Participant
8060	Hangzhou Dianzi University	P. R. China	Zongmao Cheng	B	Successful Participant
8064	Wuhan University	China PR	Xinqi Hu	B	Successful Participant
8066	Renmin University of China	China	Zongfei Fu	B	Successful Participant
8069	The Chinese University of Hong Kong	Hong Kong	Leung Fu CHEUNG	B	Successful Participant
8070	China University of Mining and Technology	P.R.China	Shao Hu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8075	Shanghai Yucai Senior High School	China	JianGuo Wang	B	Successful Participant
8080	Harvard University	USA	Peter Kronheimer	B	Successful Participant
8091	Carroll College	USA	Mary Keeffe	B	Successful Participant
8096	University of Technology, Jamaica	Jamaica, West Indies	Nilza Justiz-Smith	B	Successful Participant
8098	Washington State University	USA	Mark Schumaker	B	Successful Participant
8101	Regis College	USA	Jim Seibert	B	Successful Participant
8102	Regis College	USA	Jim Seibert	B	Successful Participant
8104	Saint Louis University	USA	David Jackson	B	Successful Participant
8110	Minzu University of China	China	Gengxin Zheng	B	Successful Participant
8111	Peking University	China	Tao Li	B	Successful Participant
8112	Natinal University of Singapore	Singapore	Weizhu Bao	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8115	International School	China	Wenbo Zhang	B	Successful Participant
8119	National University of Defense Technology	P. R. China	Dan Wang	B	Successful Participant
8121	National University of Defense Technology	P. R. China	Mengda Wu	B	Successful Participant
8125	National University of Defense Technology	P. R. China	Yi Wu	B	Successful Participant
8130	Central University of Economics and Finance	China	Chengzhan Wang	B	Successful Participant
8131	National University of Defense Technology	P. R. China	Meihua Xie	B	Successful Participant
8137	Shanghai University of Finance and Economics	china	Hongjun Zhong	B	Successful Participant
8138	National University of Defense Technology	P. R. China	Yong Luo	B	Successful Participant
8145	National University of Defense Technology	P. R. China	L. Z. Cheng	B	Successful Participant
8147	Tianjin University, China	P.R.China	Fengzhen Liang	B	Successful Participant
8149	Tianjin University	P. R. China	Zehua Zhou	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8150	Tianjin University, China	P.R.China	Zhengfang Yang	B	Successful Participant
8154	Sichuan university	The People's	LaMei He	B	Successful Participant
8161	Longwood	USA	M. Leigh Lunsford	B	Successful Participant
8162	Longwood University	USA	Phillip Poplin	B	Successful Participant
8163	University of Central Missouri	USA	Nicholas Baeth	B	Successful Participant
8168	MIT	USA	Martin Bazant	B	Successful Participant
8169	Wake Forest University	USA	Miaohua Jiang	B	Successful Participant
8173	University of Dayton	USA	Maher Qumsiyeh	B	Successful Participant
8175	Electronic Engineering Institute	China	xinkun Xu	B	Successful Participant
8179	Electronic Engineering Institute	China	xinkun Xu	B	Successful Participant
8180	Renmin University of China	China	Jinwu Gao	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8181	Electronic Engineering Institute	China	shengdong Wang	B	Successful Participant
8182	Electronic Engineering Institute	China	shengdong Wang	B	Successful Participant
8183	Beijing Normal University	P.R.China	Shumei Zhang	B	Successful Participant
8185	Northeast Forestry University	china	Rui Zang	B	Successful Participant
8186	University of Science and Technology of China	P.R.CHINA	Pan Wu	B	Successful Participant
8187	Sun Yat-sen University	P R China	XiaoMing LIU	B	Successful Participant
8195	Southwestern University of Finance and Economics	China	Xiaoping Chen	B	Successful Participant
8200	University of Science and Technology of China	China	Aijun Bai	B	Successful Participant
8207	Peking University	P.R. China	Li Ping Liu	B	Successful Participant
8208	Institut Teknologi Bandung	Indonesia	Kuntjoro Sidarto	B	Successful Participant
8210	Beihang University	China	Peng Linping	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8223	PLA University of Science and Technology	P.R.China	Liu Shousheng	B	Successful Participant
8225	Nanjing Agricultural University	China	Hao Zhang	B	Successful Participant
8226	Indiana University South Bend	USA	Morteza Shafii-Mousavi	B	Successful Participant
8229	mount holyoke college	USA	dylan shepardson	B	Successful Participant
8235	Beloit College	USA	Paul Campbell	B	Successful Participant
8243	Clarkson University	USA	Aaron Luttmann	B	Successful Participant
8247	Western Carolina University	USA	Risto Atanasov	B	Successful Participant
8249	Wofford College	USA	Anne Catlla	B	Successful Participant
8250	Nanchang University	P.R.China	liao chuanrong	B	Successful Participant
8251	College of William and Mary	USA	Junping Shi	B	Successful Participant
8265	Nanchang University	P.R.China	Wang xiang	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8273	Kinnaird College	Pakistan	Madiha Ihsan	B	Successful Participant
8276	University of Science and Technology of China	P.R.China	Xiao Ma	B	Successful Participant
8290	Mercer University	USA	Audrey Malagon	B	Successful Participant
8292	Grinnell College	USA	Marc Chamberland	B	Successful Participant
8293	Grinnell College	USA	Marc Chamberland	B	Successful Participant
8298	University of Iowa	USA	Darin Mohr	B	Successful Participant
8303	University of Iowa	USA	Paul Drube	B	Successful Participant
8311	Earlham College	USA	Kirk McDermott	B	Successful Participant
8312	Earlham College	USA	Kirk McDermott	B	Successful Participant
8318	University of Colorado at Colorado Springs	USA	Gregory Morrow	B	Successful Participant
8323	Georgetown College	USA	William Harris	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8324	Clarion University of Pennsylvania	USA	Karen Bolinger	B	Successful Participant
8325	Clarion University	USA	Carey Childers	B	Successful Participant
8326	Clarion University of Pennsylvania	USA	Dana Madison	B	Successful Participant
8329	Purdue University	USA	Xiao Wang	B	Successful Participant
8333	Xavier University	USA	Bernd Rossa	B	Successful Participant
8334	Xavier University	USA	Bernd Rossa	B	Successful Participant
8342	Mount St. Mary's University	USA	Brian Heinold	B	Successful Participant
8343	Mount St. Mary's University	USA	Brian Heinold	B	Successful Participant
8347	Rhodes College	USA	David Hamrick	B	Successful Participant
8352	Cornell University	USA	Alexander Vladimisky	B	Successful Participant
8355	Cornell University	USA	Eric Friedman	B	Successful Participant



## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8359	Cal Poly Pomona	USA	Hubertus von Bremen	B	Successful Participant
8360	Cal Poly Pomona	USA	Hubertus von Bremen	B	Successful Participant
8361	Cal Poly Pomona	USA	Patricia Hale	B	Successful Participant
8363	University of Minnesota Duluth	USA	Bruce Peckham	B	Successful Participant
8366	Northeast Normal University	China	Liangyun Chen	B	Successful Participant
8373	Nanjing Normal University	P. R. China	Xiaoqian Wang	B	Successful Participant
8375	Nanjing Normal University	China	Xiuli Du	B	Successful Participant
8376	Nanjing Normal University	P.R.China	Wang Qiong	B	Successful Participant
8378	Rensselaer Polytechnic Institute	USA	Mark Holmes	B	Successful Participant
8379	Nanjing Normal University	P.R.China	Wang Qiong	B	Successful Participant
8380	Nanjing Normal University	China	Chen Xin	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8388	Gannan Normal University	China	Jingfei Xu	B	Successful Participant
8393	Gannan Normal University	China	Xianhua Xie	B	Successful Participant
8395	Beloit College	USA	Darrah Chavey	B	Successful Participant
8400	Henan Institute of Science and Technology	China	Hongwei Jiao	B	Successful Participant
8412	University of Cape Town	South Africa	Kenneth Rafel	B	Successful Participant
8415	City University of Hong Kong	China	Benny Hon	B	Successful Participant
8416	University of Science and Technology of China	China	Ru Meng	B	Successful Participant
8420	Oklahoma State University	USA	Jeff Mermin	B	Successful Participant
8422	Appalachian State University	USA	Rene Salinas	B	Successful Participant
8430	University of Wisconsin-La Crosse	USA	James Peirce	B	Successful Participant
8433	University of Wisconsin-La Crosse	USA	Robert Allen	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8438	UNC Chapel Hill	USA	Sarah Williams	B	Successful Participant
8439	UNC Chapel Hill	USA	Sarah Williams	B	Successful Participant
8451	Beijing University of Chemical Technology	China	Xinhua JIANG	B	Successful Participant
8452	Coe College	USA	Calvin Van Niewaal	B	Successful Participant
8457	DUKE UNIVERSITY	USA	DAVID KRAINES	B	Successful Participant
8458	Coe College	USA	Jonathan White	B	Successful Participant
8459	DUKE UNIVERSITY	USA	MARCUS WERNER	B	Successful Participant
8460	Coe College	USA	Jonathan White	B	Successful Participant
8463	Beijing University of Chemical Technology	China	Kaisu WU	B	Successful Participant
8466	Colorado College	USA	David Brown	B	Successful Participant
8467	Beijing University of Chemical Technology	China	Wei LI	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8469	Colorado College	USA	Andrea Bruder	B	Successful Participant
8471	Beijing University of Chemical Technology	China	Yongli SUN	B	Successful Participant
8472	Bucknell University	USA	Xiannong Meng	B	Successful Participant
8473	Kenyon College	USA	Brian Jones	B	Successful Participant
8474	University of Virginia	USA	Blaine Norum	B	Successful Participant
8475	Siena Heights University	USA	Tim Husband	B	Successful Participant
8477	Westminster College	USA	David Offner	B	Successful Participant
8478	Siena Heights University	USA	Jeff Kallenbach	B	Successful Participant
8480	Westminster College	USA	David Offner	B	Successful Participant
8487	Northwestern College	USA	Jonathan Zderad	B	Successful Participant
8488	Hood College	USA	James Parson	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8494	Colorado State University	USA	Michael Kirby	B	Successful Participant
8498	Hood College	USA	Betty Mayfield	B	Successful Participant
8504	Illinois Mathematics and Science Academy	USA	Steven Condie	B	Successful Participant
8506	Lawrence Technological University	USA	Valentina Tobos	B	Successful Participant
8510	Seattle Pacific University	USA	Wai Lau	B	Successful Participant
8517	Henan Institute of Science and Technology	P. R. China	Wanqin Zhang	B	Successful Participant
8518	Henan Institute of Science and Technology	P. R. China	Dongwei Shi	B	Successful Participant
8519	Northwest A&F University	China	Zhao Bin	B	Successful Participant
8520	Southern Connecticut State University	USA	Ross Gingrich	B	Successful Participant
8521	National University of Singapore	Singapore	Hwee Tan	B	Successful Participant
8526	University of California, Irvine	USA	Sarah Eichhorn	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8527	North University of China	PRC	Yang Ming	B	Successful Participant
8529	North University of China	PRC	Bi Yong	B	Successful Participant
8530	Marywood University	USA	Thomas Kent	B	Successful Participant
8531	Guizhou University	China	Hui Yang	B	Successful Participant
8532	Marywood University	USA	Thomas Kent	B	Successful Participant
8535	Slippery Rock University	USA	Richard Marchand	B	Successful Participant
8554	University of California, Davis	USA	Gregory Shinault	B	Successful Participant
8556	Williams College	USA	Steven Miller	B	Successful Participant
8557	Williams College	USA	Steven Miller	B	Successful Participant
8558	U of Science and Tech of China	China	Zhidong Du	B	Successful Participant
8560	Williams College	USA	Mihai Stoiciu	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8564	Southwestern University of Finance and Economics	China	Ding Chuan	B	Successful Participant
8566	National University of Ireland, Galway	Ireland	Niall Madden	B	Successful Participant
8574	Wuhan University	China	Zhuangchu Luo	B	Successful Participant
8575	NORTH CHINA ELECTRIC POWER UNIVERCITY	P.R.CHINA	Pan Zhi	B	Successful Participant
8576	North China Electric Power University	P.R.China	Ruifeng Shi	B	Successful Participant
8580	Eastern Michigan University	USA	Andrew Ross	B	Successful Participant
8586	Albion College	USA	Darren Mason	B	Successful Participant
8587	Albion College	USA	Darren Mason	B	Successful Participant
8588	mount holyoke college	USA	dylan shepardson	B	Successful Participant
8591	Drexel Univeristy	USA	William Keith	B	Successful Participant
8593	Jacobs University	Germany	Marcel Oliver	B	Successful Participant

## 2010 MCM Problem B Contest Results

Ctrl #	Institution	Country	Advisor	Problem	Designation
8594	University of South Florida	USA	Mohamed Elhamdadi	B	Successful Participant
6673	Qujing Normal University	China	Jun Liu	B	Unsuccessful
7291	Huazhong Agricultural University	China	Xiaoyin Wang	B	Unsuccessful
7598	Jinan University	China	SUOHAI FAN	B	Unsuccessful
7761	SHANGHAI FOREIGN LANGUAGE SCHOOL	CHINA	WEIPING WANG	B	Unsuccessful
8028	Linfield College	USA	Michael Hitchman	B	Unsuccessful
8328	College of Charleston	USA	William Mitchener	B	Unsuccessful
8550	Stanford University	USA	Peter Glynn	B	Unsuccessful