

2008 年学术交流

International Academic Exchange in 2008

● Visiting Abroad

1. 郑勇刚博士生

2008年1月6日至2008年6月26日，赴香港理工大学进行合作研究。

From 6 January to 26 June, 2008, **Mr. Yonggang Zheng** visited the Department of Mechanical Engineering, The Hong Kong Polytechnic University and did collaboration with Prof. Jian Lu on the project “Modeling and simulation of the plastic deformation of nano-twinned copper”.

2008年6月30日至2008年7月4日，赴意大利威尼斯参加第八届世界计算力学大会。

From 30 June to 4 July, 2008, **Mr. Yonggang Zheng** attended the 8th. World Congress on Computational Mechanics (WCCM8), held at Venice, Italy. He gave a talk, entitled “Deformation and stability of copper nanowires”, in the session “Multiscale Modal-Based Simulation with Applications to Nano and Bio Systems”.

2. 王磊博士生

2008年1月15日至2009年1月15日，赴美国南卡罗来纳大学进行合作研究。

From 15 January, 2008 to 15 January, 2009, **PhD candidate Lei WANG** visited Department of Mechanical Engineering, University of South Carolina to do collaborative research with Prof. Xiaomin DENG.

3. 胡平教授

2008年1月20-27日，赴日本名古屋参加了技术管理国际会议，并作了大会的Keynote 报告。

From 20 to 27 January, 2008, **Prof Ping HU** attended the International Symposium for Management of Technology (MOT 2008) held at Nagoya, Japan. He was invited to give a keynote lecture in the symposium.

2008年11月27~30日，赴日本名古屋工业大学访问。

From 27 to 30 Nov 2008, **Prof Ping HU** was invited to visit Nagoya University of Technology.

2008年6月7~9日，胡平教授参加了在古城西安召开的第四届中国CAE分析技术年会，并做了大会主旨报告。

From 7 to 9 June 2008, **Prof Ping HU** attended The 4th China CAE Annual Conference held at Xian, China. He was invited to give a keynote lecture in the session “Automobile

industry”.

2008年2月26~27日, 赴日本福岡参加Silicon Sea Belt Summit Fukuoka 2008, 并做了大会主题报告。

From 26 to 27 Feb 2008, **Prof Ping HU** attended the Silicon Sea Belt Summit Fukuoka 2008 held at Fukuoka, Japan. He was invited to give a keynote lecture.

2008年9月1~5日, 胡平教授和助手参加了在瑞典的Interlaken召开的2008年NUMISHEET2008国际大会, 并作了题为Research on experiment and simulation of automobile panel redrawing character的分会报告。

From 1 to 5 September 2008, **Prof Ping HU** attended the NUMISHEET2008 International conference held at Interlaken, Switzerland. He was invited to give a lecture entitled “Research on experiment and simulation of automobile panel redrawing character”.

2008年10月7~10日, 胡平教授和助手出席在美国 Evanston, Illinois召开的International Manufacturing Science and Engineering (制造科学与工程国际会议), 简称MSEC2008, 并做了题为DESIGN OF A STAMPING TEST FOR INVESTIGATING SURFACE DISTORTION IN SHEET METAL PARTS 的分会报告。

From 7 to 10 October 2008, **Prof Ping HU** and his assistant attended the International Manufacturing Science and Engineering held at Evanston, Illinois, USA. He was invited to give a lecture entitled “DESIGN OF A STAMPING TEST FOR INVESTIGATING SURFACE DISTORTION IN SHEET METAL PARTS”.

4. 康玲、李红霞博士生

2008年3月13日至3月17日, 参加在日本召开的第四届国际生物力学研讨会。

From 13 to 17 March, 2008, **PhD candidates Ling KANG and Hongxia LI** attended the International Symposium on Biomechanics, Healthcare and Information Science, held in Japan.

5. 叶宏飞博士生

2008年4月1日至2008年9月13日, 赴香港城市大学进行合作研究。

From 1 April to 13 September, 2008, **PhD candidate Hongfei YE** visited City University of Hong Kong to do collaborative research.

6. 李晓杰教授、闫鸿浩副教授

2008年5月5日至2008年5月10日, 赴荷兰参加第九届新材料爆炸加工国际研讨会。

From 5 to 10 May 2008, **Prof. Xiaojie LI and Dr. Honghao YAN** attended IX International Symposium on Explosive Production of New Materials (EPMN-2008), held at Lisse, the Netherlands.

7. 张忠强博士生

2008年5月30日至2008年12月30日，赴美国密西西比州立大学进行合作研究。

From 30 May, 2008 to 30 December, 2008, **PhD candidate Zhongqiang ZHANG** visited Center for Advanced Vehicular Systems, Mississippi State University to do collaborative research with Dr. Y.B. Xue.

8. 程耿东教授、刘书田教授、李刚教授、郭旭教授、亢战教授、武金瑛讲师、王博讲师、阎军讲师

2008年6月12日至2008年6月20日，访问韩国高等科学技术院，与其签署协议。并携学生徐胜利、苏文政、王晓明、时慧焯、李征、乔赫廷、余德启、刘恰参加第五届中日韩结构与机械系统优化会议。

Prof. Gengdong CHENG, Shutian LIU, Gang LI, Xu GUO and Zhan KANG, Mrs. Jinying WU, Drs. Bo WANG and Jun YAN visited KAIST, Korea and signed a memoire on future cooperation with KAIST. They also attended the 5th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems held on 16 June to 19 June, 2008 in Jeju Island, Korea.

9. 岳前进教授、张大勇博士、许宁博士生

2008年6月12日至2008年6月20日，赴加拿大参加第19届国际冰工程会议。

From 12 to 20 June, 2008, **Prof. Qianjin YUE, Dr. Dayong ZHANG and PhD student Ning XU** participated in The 19th International Symposium on Ice in Canada.

10. 杨海天教授

2008年6月13日至2008年6月22日，赴法国参加第六届国际工程中的反问题大会，并作分组报告“Combined identification of constitutive parameters and in-situ stress in layered rock mass formulated by Cosserat theory”

From 13 to 22 June, 2008, **Prof. Haitian YANG** attended 6th International Conference on Inverse Problems in Engineering: Theory and Practice, Dourdan (Paris), France, and presented a lecture entitled ‘Combined identification of constitutive parameters and in-situ stress in layered rock mass formulated by Cosserat theory’ in the session.

11. 程耿东教授、陈浩然教授、李锡夔教授、李刚教授、亢战教授、蔡志勤副教授、孙国讲师、张昭讲师、郑勇刚讲师

2008年6月29日至2008年7月6日，赴意大利参加第八届世界计算力学大会。

From 29 June to 6 July, 2008, **Prof. Gengdong CHENG, Prof. Haoran CHEN, Prof.**

Xikui LI, Prof. Gang LI, Prof. Zhan KANG, Associate Prof. Zhiqin CAI, and Lectures Guo SUN, Zhao ZHANG, Yonggang ZHENG attended 8th World Congress on Computational Mechanics, Venice, Italy.

12. 亢战教授、赵国忠副教授

2008年7月10日至2008年10月10日，赴澳大利亚悉尼大学开展“结构与多学科优化”方面的合作研究。

From 10 July to 10 October, 2008, **Professor Zhan KANG and Associate Professor Guozhong ZHAO** accomplished a visiting research on structural and multi-disciplinary optimization at the University of Sydney, Australia.

13. 宗智教授

2008年7月21日至2008年7月30日，代表中和物产到日本船级社洽谈送审图纸和改造船入籍事宜。

On behalf of Chiuwa Property Ltd **Prof. Zhi ZONG** submitted the Plans for Approval of the 24000 ton Semi-submersible Vessel converted from LPG to the Nippon Kaiji Kyokai (NK) from 21 July, 2008 to 30 July, 2008.

2008年9月30日至2008年10月7日，携博士生邹丽、毕俊颖、王喜军赴法国参加第八届国际水动力学会议。

Together with Ph D students **Prof. Zhi ZONG** attended the eighth International Conference of Hydrodynamics held in France.

14. 罗阳军博士生

2008年7月31日至2009年2月20日，赴法国汉斯大学攻读博士学位。

From 31st July 2008 to 20th February 2009, **PhD candidate, Mr. Yangjun LUO** visited Reim University, France under the framework of a joint-education PhD program.

15. 于文会博士生

2008年7月31日至2009年7月30日，赴澳大利亚昆士兰大学进行合作研究。

From 31 July, 2008 to 30 July, 2009, **PhD candidate Wenhui YU** visited University of Queensland, Australia to do collaborative research..

16. 程耿东教授、王跃方教授、周霞副教授

2008年8月23日至2008年8月31日，赴澳大利亚参加第22届国际理论和应用力学大会。

From 23 to 31 August 2008, **Prof. Gengdong CHENG, Prof. Yuefang WANG** and

Associate Prof. Xia ZHOU attended the 22nd International Congress of Theoretical and Applied Mechanics (ICTAM2008), held at Adelaide, Australia. Associate Prof. Xia ZHOU gave a lecture presentation entitled “Finite element simulation and life prediction of thermal fatigue failure of the continuous casting tundish cover” in the session “SM04 Damage mechanics and fatigue”.

17. 张洪武教授

2008年9月1日至2008年9月26日，以法国兰斯香槟阿登大学一级教授身份访问该大学进行合作研究。

From 1 to 26 September, 2008, **Prof. Hongwu ZHANG** visited France and did collaborative research as a professor of first class at University of Reims Champagne-Ardenne.

18. 刘岩博士生

2008年9月1日，赴澳大利亚昆士兰大学攻读博士学位。

From 1 September, 2008, **PhD candidate Yan LIU** visited University of Queensland, Australia under the framework of a joint-education PhD program.

19. 李刚教授、杨迪雄副教授

2008年9月1日至2008年9月7日，赴希腊参加第9届国际计算结构技术会议。

From 1 September to 7 September, 2008, **Professor Gang LI and Dr. Dixiong YANG** attended The Ninth International Conference on Computational Structures Technology, held in Greece.

20. 李晓杰教授

2008年9月9日至2008年9月12日，赴日本熊本大学参加“第二届爆炸、燃烧、其他含能现象沿黄海研讨会”和“2008年爆炸、冲击波与高速现象国际研讨会”。

From 9 to 12 September, 2008, **Prof. Xiaojie LI** attended “Second Yellow Sea Rim Workshop on Explosion, Combustion and other Energetic Phenomena” and “International Workshop on Explosion, Shockwave and Hypervelocity Phenomena 2008”, held at Kumamoto, Japan. He was invited to give two reports about “Polytechnic research into a hemispherical dome for explosion containment” and “Synthesis and characterization of nanometer-sized materials by detonation”

21. 郭旭教授

2008年9月20日至2008年10月7日，访问东京大学、早稻田大学、金泽大学、京都

大学。

From 20 September to 7 October, 2008, **Prof. Xu GUO** visited The University of Tokyo, Waseda University, Kanazawa University and Kyoto University, Japan.

22. 任明法副研究员

2008年9月23日至2008年9月26日，赴日本参加在九州熊本大学召开的第六届亚洲-澳大利亚复合材料学术会议。

From 23 September to 26 September, 2008, **Associate Researcher Mingfa REN** attended The Sixth Asia-Australasian Conference on Composite Materials -ACCM-6 held in Kumamoto University, Kumamoto, Kyushu, Japan.

23. 李刚教授

2008年9月26日至2008年10月2日，赴台湾参加2008年度海峡两岸工程力学研讨会。

From 26 September to 2 October, 2008, **Professor Gang LI** attended the Cross-Strait Workshop on Engineering Mechanics 2008, held in Taiwan.

24. 黄一教授

2008年10月22日至2008年10月28日，访问日本横滨国立大学、东京大学生产技术研究所、东北大学。

From 22 October to 28 October, 2008, **Prof. Yi HUANG** visited Yokohama National University, The University of Tokyo and Tohoku University, Japan.

25. 关振群教授

2008年11月1日至2008年11月30日，赴法国Universite D'evry合作研究。

From 1 November to 30 November, 2008, **Prof. Zhenqun GUAN** visited Universite D'evry, France to do collaborative research.

26. 徐新生教授、周震寰、马建青博士生

2008年11月3日至2009年2月2日，赴香港城市大学进行合作研究。

Prof. Xinsheng XU and doctoral students Zhenhuan ZHOU and Jianqing MA, visited the City University of Hong Kong from 3 November, 2008 to 2 February, 2009.

27. 黄一教授、张岩、陈景杰博士生

2008年11月9日至2008年11月13日，赴泰国参加第八届国际近海和极地工程协会亚太近海力学会议。

28. 武文华副教授

2008年11月15日，赴美国加州大学洛杉矶分校合作研究，为期一年。

From Nov. 15th 2008, **Associate Professor Wenhua WU** visited Department of Civil and Engineering, University of California, Los Angeles (UCLA) USA for one year and made the cooperation research with Prof Jiann-wen Woody Ju.

29. 卞永宁副教授、孙发明博士生

2008年11月22日至2008年12月21日期间，携博士研究生孙发明以客座教授身份赴日本国佐贺大学海洋能源研究中心就“凹槽长度对T-S波特征的影响”的课题开展共同研究。

During 22, Nov. to 21, Dec, 2008, as a guest professor, with a doctoral student **Faming Sun**, **Associate Professor Yongning BIAN** went to IOES(Institute of Ocean Energy, Saga University, Japan) to have a cooperating study on “ Effect of the grooved length on the characteristics of T-S wave”.

30. 林家浩教授、赵岩副教授

2008年12月6日至2009年12月14日，赴香港科技大学土木与环境工程系进行短期学术交流。

From 6 December, 2008 to 14 December, 2009, **Professor Jiahao LIN and Associate Professor Yan ZHAO** visited The Hong Kong University of Science and Technology to do collaborative research.

● Visiting Scholars

1. 挪威科学技术大学Sveinung Løset教授和Oddgeir Dalane博士来访

2008年3月4日至2008年4月3日，挪威科学技术大学Sveinung Løset教授和Oddgeir Dalane博士一行访问实验室，与岳前进教授进行合作，执行实验室开放基金项目“窄锥结构在随机冰力时程下的响应分析”，并合作完成IAHR08国际会议论文1篇。

From 3 March to 3 April, 2008, **Prof. Sveinung Løset and PhD student Oddgeir Dalane** from Norwegian University of Science and Technology visited our laboratory, to carry out the public fund project of “The Response of Narrow Conical Structures as a Function of the Time of Exposure”, cooperated with Prof. Qianjin Yue.

2008年3月10日，Sveinung Løset教授做学术报告：“The Arctic Technology Focus At NTNU”，“Research for Arctic Offshore Field Development”；3月29日，Oddgeir Dalane博士做学术报告：“Test Facilities and Fieldwork at NTNU; Moored Arctic Buoy

Structures”。

On March 10, 2008, **Prof. Sveinung Løset** gave two lectures of “The Arctic Technology Focus at NTNU” and “Research for Arctic Offshore Field Development”; On March 29, **PhD student Oddgeir Dalane** gave a lecture of “Test Facilities and Fieldwork at NTNU; Moored Arctic Buoy Structures”。

2. 日本早稻田大学Hiroshi Yamakawa教授来访

2008年3月15日，日本早稻田大学Hiroshi Yamakawa教授访问实验室，并做学术报告“Optimum Design for Dynamic Response Control of Small Demonstrative Satellite”。

March 15, 2008, **Prof. Hiroshi Yamakawa** from Waseda University, Japan, visited our laboratory and gave a seminar of “Optimum Design for Dynamic Response Control of Small Demonstrative Satellite”。

3. 英国牛津大学由衷博士来访

2008.3.20-4.4 及 2008.8.28-9.17，英国牛津大学由衷博士访问实验室，并做学术报告“能量吸收薄壁方管的探讨”。

From 20 March to 4 April, and 28 August to 17 September, 2008, **Dr. Zhong You**, from University of Oxford, visited our laboratory did collaboration with Prof. Cheng Gengdong, and gave a lecture “On energy absorption of thin-walled square tubes”。

4. 比利时列日大学Claude Fleury教授来访

2008.4.27-4.29，国际优化领域著名专家，比利时列日大学 Claude Fleury 教授访问实验室进行学术交流，并做学术报告“Numerical Optimization Methods”。

From 27 April to 29 April, 2008, **Prof. Claude Fleury**, from University of Liege, Belgium, visited our laboratory and gave a lecture “Numerical Optimization Methods”。

5. 美国密歇根大学机械系Gregory Hulbert教授来访

2008.4.28-5.2，美国计算力学学会主席，密歇根大学机械系 Gregory Hulbert 教授访问实验室进行学术交流，做两次学术报告“Analysis and Design of Materials and Structures for Attenuating Vibration and Acoustic Response”和“Recent Developments in Time Integration Methods for Computational Dynamics”。并受聘为大连理工大学客座教授。

From 28 April to 2 May, 2008, **Prof. Gregory Hulbert**, from University of Michigan, USA, visited our laboratory and gave two lectures “Analysis and Design of Materials and Structures for Attenuating Vibration and Acoustic Response” and “Recent Developments in Time Integration Methods for Computational Dynamics”。During the visiting, Prof. Gregory

Hulbert was conferred Visiting Professor of Dalian University of Technology.

6. 新加坡国立大学的英国皇家学者Andrew Clennel Palmer教授来访

2008年5月3日至2008年5月10日，新加坡国立大学的英国皇家学者Palmer教授来访，与岳前进教授团队针对寒区和深水海洋结构中的关键力学问题进行学术讲座和专题讨论。

From 3 to 10 May 2008, **Dr. Andrew Clennel Palmer**, Fellow of the Royal Society, Professor of Singapore visited our laboratory, to give academic report and discussed the topic of offshore structures in arctic area and deepwater with Professor Qianjn Yue's team.

7. 美国新泽西州立大学贾海昌教授来访

2008年5月4日至7月4日，美国新泽西州立大学机械与航空工程系贾海昌教授在大连理工大学“海天学者”基金支持下来实验室访问，与程耿东院士进行合作研究。

During 4 May to 4 July, 2008, **Prof. Gae Hae Chang** from Rutgers, The State University of New Jersey, USA, visited our laboratory and did collaboration with Prof. Cheng Gengdong.

8. 美国密苏里大学哥伦比亚分校土木工程系陈震教授来访

During 18 May to 27 May, 21 June to 9 July, and 15 December to 19 December, 2008, **Prof. Zhen CHEN** from University of Missouri-Columbia, USA, visited our laboratory and did collaboration with Prof. Hongwu Zhang.

9. 美国中佛罗里达大学MEMS与纳米材料实验室陈全芳副教授来访

During 19 May to 1 June, 2008, **Associate Professor Quanfang CHEN** from University Of Central Florida, USA, visited our laboratory and did collaboration with Prof. Chengwei Wu.

10. 美国密苏里大学哥伦比亚分校Hao Li博士来访

During 21 May to 23 May, 2008, **Dr. Hao Li** from Mechanical And Aerospace Engineering Department, Biological Engineering Department, University Of Missouri – Columbia, USA, visited our laboratory and gave two lectures “Horizontally Aligned One Dimensional Nanostructures” and “Synthesis and Properties of Carbon Nanotubes and Nanocrystalline Diamond”.

11. 美国Clarkson大学土木工程学院Hongtao Shen教授和Hayley H. Shen教授来访

2008年5月25日至7月27日，美国Clarkson大学土木工程学院Hongtao Shen教授和

Hayley H. Shen教授带领7名美国基金委资助的REU大学生，来实验室进行学术实习活动，研究内容主要针对环境荷载下的工程结构设计分析进行。

From 25 May to 27 July 2008, **Prof. Hungtao Shen** and **Prof. Hayley H. Shen**, together with 7 American students from REU(Research Experiences for Undergraduate students) projects supported by NSF(National Science Foundation), visited our laboratory. The American students' researches are mainly on the structure analysis under environmental force.

12. 美国阿拉巴马大学C. P. Chen教授一行来访

2008.5.28-6.1, 美国阿拉巴马大学 C. P. Chen 教授、匹兹堡大学 Minking K. Chyu 教授、台湾清华大学 Ching-Chang Chieng 教授、台湾工业研究院 Yu-Feng Chen 博士来实验室访问，并做学术报告。

Form 28 May to 1 June, 2008, **Prof. C. P. Chen** from University of Alabama in Huntsville, USA, **Prof. Minking K. Chyu** from University of Pittsburgh, USA, **Prof. Ching-Chang Chieng** from National Tsing Hua University, Taiwan, and **Dr. Yu-Feng Chen** from Taiwan's Industrial Research Institute, visited our laboratory and gave lectures separately “Recent Development of Evaporating Atomization/Spray Models Including Liquid Turbulence Effect”, “Cooling of Gas Turbine Airfoils” and “Studies of Micro/Nanofluidics and the Applications to Protein Chips Using Computational Methods”.

13. 新加坡南洋理工大学刘谋斌博士来访

2008年5月29日，新加坡南洋理工大学刘谋斌博士访问实验室，并做学术报告“粒子法的最新进展”。

May 29, 2008, **Dr. Moubin Liu** from Nanyang Technological University, Singapore, visited our laboratory and gave a seminar of “New development of particle method”.

14. 美国北卡罗莱那大学夏洛特分校S. Gary Teng教授来访

From 4 June to 6 June, 2008, **Prof. S. Gary Teng** from The University of North Carolina at Charlotte, USA, visited our laboratory and gave a lecture titled “Lean System Approach for Global Manufacturing Competitiveness”.

15. 美国北卡罗莱那大学夏洛特分校Shen-En Chen博士来访

From 11 June to 13 June, 2008, **Dr. Shen-En Chen** from The University Of North Carolina At Charlotte, USA, visited our laboratory and gave a lecture titled “Region-wide assessment of highway bridges-from system to infrastructure”.

16. 美国南卡大学机械系赵玉津教授来访

2008年6月18日至2008年7月5日,美国南卡大学赵玉津教授参观我们实验室,并作了“实验力学的重要作用和发展趋势”的学术报告。

From 18 June to 5 July, 2008, **Prof. Yujin Zhao** from The University of South Carolina, USA, visited our laboratory. He gave us an open lecture of “Important role and development of experiment mechanics”.

17. 澳大利亚昆士兰科技大学Cheng Yan博士来访

From 1 July to 15 July, and 27 October to 10 November, 2008, **Dr. Cheng Yan** from School of Engineering Systems, Queensland University of Technology, Australia, visited our laboratory and gave a lecture titled “Characterization of Light Alloys, Nanocomposites and Microsystems”.

18. 美国南卡罗莱纳大学邓小敏教授来访

2008.7.8-7.18, 美国南卡罗莱纳大学邓小敏教授访问实验室,与张洪武教授等开展关于分子动力学方法在纳米界面断裂力学中的应用研究工作,研究工作得到中国国家自然科学基金委的资助。

From 8 July to 18 July, 2008, **Prof. Xiaomin DENG** from Department of Mechanical Engineering, University of South Carolina, USA, visited our laboratory and worked with Prof. Hongwu ZHANG on the molecular dynamics simulation methods and applications in nanoscale interfacial failure analysis. The research work was supported by the National Natural Science Foundation of China.

19. 香港科技大学陈俊文副教授来访

From 14 July to 16 July, 2008, **Associate Professor Chan Chunman** from the Hong Kong University of Science and Technology, visited our laboratory and gave a lecture titled “Wind-induced Vibration and Dynamic Stiffness Design Optimization of Tall Buildings”.

20. 英国格林威治大学C.-H. Lai教授来访

From 24 July to 26 July, 2008, **Professor C.-H. Lai** from School of Computing And Mathematical Sciences, University of Greenwich, UK, visited our laboratory and gave a lecture titled “On the acoustic correction method for extracting sound signals”.

21. 香港科技大学Wenjing Ye博士来访

August 5, 2008, **Dr. Wenjing Ye** from the Hong Kong University of Science and Technology, visited our laboratory and gave a lecture titled “Multiscale Simulation

Techniques and Their Application to the Modeling of a Thermal Sensing Atomic Force Microscope”.

22. 比利时列日大学S.Cescotto教授和Li Xiangling博士来访

2008.9.2-9.5, 比利时列日大学的S.Cescotto教授和Li Xiangling博士访问实验室, 并做学术报告。

From 2 September to 5 September, 2008, **Prof. S.Cescotto and Dr. Li Xiangling** from University of Liege in Belgium, visited our laboratory and gave lectures titled “A 4-fields natural elements method based on the Fraeijs de Veubeke principle” and “R&D program for high level and long life radioactive waste geological repository design in Belgium”.

23. 德国柏林工业大学Volker Schindler教授来访

From 3 September to 10 September, 2008, **Prof. Volker Schindler** from Technical University of Berlin, Germany, visited our laboratory and made extensive discussions and cooperative investigations with Prof. Hu Ping. He gave four lectures titled “Automotive Engineering in TU Berlin”, “Automotive Safety for Small Vehicle”, “Development Process in the Automotive Industry” and “Vehicle Oil and Global Warming: Technologies for Fuel Efficient Cars”.

24. 澳大利亚悉尼大学全立勇教授来访

2008.9.5-9.18, 澳大利亚悉尼大学全立勇教授来实验室与张洪武教授等在结构与多学科优化设计方面开展合作研究, 研究工作得到中国国家自然科学基金委与澳大利亚国家基金委的资助。

From 5 September to 18 September, 2008, **Prof. Liyong TONG** from School of Aerospace, Mechanical & Mechatronic Engineering, The University of Sydney, visited our laboratory and worked with Prof. Hongwu ZHANG on the project of structural and multidisciplinary design optimization. His visit was supported by the NSFC-ARC international collaboration project.

25. 美国北卡州立大学F. G. Yuan教授来访

From 15 September to 16 September, and 4 November to 6 November, 2008, **Prof. F. G. Yuan** from Department of Mechanical And Aerospace Engineering, North Carolina State University, USA, visited our laboratory and gave a lectures titled “Department Of Mechanical And Aerospace Engineering, North Carolina State University”.

26. 德国慕尼黑国防军大学土力学试验室主任邹亚洲博士来访

2008.9.15-9.17, 德国慕尼黑国防军大学土力学试验室主任邹亚洲博士访问实验室, 并做了三个学术报告: “冻土中冻吸力及冰透镜体的形成机制”, “粘性土接触面的渗透稳定性”和“非饱和土的土水特性曲线”。

From 15 to 17 September, 2008, **Dr. Yazhou Zou** from The National Defence University of Munich, Germany, visited our laboratory. He gave three lectures of “Forming mechanism of ice lens and freezing force in frozen earth”, “Penetrating stability of clay interface” and “Earth-water characteristic curves of non-saturation earth”.

27. 英国卡地夫大学F.W.Williams教授来访

2008年9月17日至9月24日, 英国卡地夫大学F.W.Williams教授来实验室访问。与钟万勰教授、林家浩教授及其课题组成员进行了广泛的合作研究。

Professor Fred Williams of Cardiff University’s School of Engineering visited the State Key Laboratory of Structural Analysis for Industrial Equipment(SAIE) for one week starting on 17 September, 2008. This is Prof. Williams’s fourth visit supported by the Visiting Scholar Foundation of the State Key Lab. SAIE. During this visit, Prof. Williams made extensive discussions and cooperative investigations with Prof. WX Zhong and Prof. JH Lin, their colleagues and students over a wide range of problems.

28. 丹麦技术大学机械系Pauli Pedersen教授来访

2008年9月23日至10月3日, 丹麦技术大学机械系Pauli Pedersen教授来实验室访问。与程耿东教授及其课题组成员进行了广泛的合作研究, 并做了“机械零件的形状设计和接触问题”系列讲座。

Professor Pauli Pedersen of Cardiff University’s School of Engineering visited the State Key Laboratory of Structural Analysis for Industrial Equipment(SAIE) for two week starting on 23 September, 2008. During this visit, Prof. Pauli Pedersen made extensive discussions and cooperative investigations with Prof. Cheng Gengdong, their colleagues and students over a wide range of problems. He gave a series of lectures titled “Shape Design and Contact Solutions with Application to Machine Elements”.

29. 美国西北大学Wing Kam Liu教授来访

From 24 September to 27 September, 2008, **Prof. Wing Kam Liu** from Northwestern University, USA, visited our laboratory and gave a lecture titled “Complexity Science of Multiscale Materials”.

30. 韩国汉阳大学Gyung-Jin Park教授来访

From 19 October to 22 October, 2008, **Prof. Gyung-Jin Park** from Mechanical

Engineering, Hanyang University, Korea, visited our laboratory and gave two lectures titled “Structural Optimization Using Equivalent Static Loads” and “KAIST Freshman Design Course”.

31. 挪威科学技术大学土木与运输学院客座教授Tuomo Karna来访

2008年10月23日至2008年11月6日，挪威科学技术大学土木与运输学院客座教授，Tuomo Karna 博士访问实验室，与岳前进团队针对寒区工程结构和冰荷载等相关研究问题进行讨论，并达成国际项目合作意向。

From 23 October to 6 November 2008, **Dr Tuomo Karna** from Norwegian University of Science and Technology (NTNU) visited our laboratory, to discuss the topic of ice load and ice resistant structures in cold region.

32. 澳大利亚昆士兰科技大学YuanTong Gu教授来访

From 23 October to 25 October, 2008, **Prof. YuanTong Gu** from School of Engineering of Queensland University of Technology (QUT), Australia, visited our laboratory and gave a lectures titled “Advanced meshfree methods and multiscale techniques in Computational engineering and science”.

33. 美国船级社太平洋分部海洋技术中心的刘祥博士来访

2008年11月，美国船级社太平洋分部海洋技术中心的刘祥博士来访，讨论关于寒区结构冰荷载研究的合作计划。

In November 2008, **Dr Xiang Liu** from ABS Singapore Offshore Technology Center (SOTC) visited DUT, to discuss the cooperation on ice load on ice resistant structures.

34. 澳大利亚格里菲思大学关红博士来访

2008年11月3日至11月7日，澳大利亚格里菲思大学关红博士来实验室进行访问研究，为实验室师生做学术报告“Fundamental Investigation of Stress Characteristics in Mandible During and After Dental Implantation”。

During 3 November to 7 November, 2008, **Dr. Hong Guan** from School of Engineering, Griffith University, Australia, visited our laboratory. She gave a seminar “Fundamental Investigation of Stress Characteristics in Mandible During and After Dental Implantation”.

35. 英国伯明翰大学土木工程系Andrew Chan教授来访

During 9 November to 11 November, 2008, **Prof. Andrew Chan** from Dept. of Civil Engineering, University of Birmingham, UK, visited our Laboratory and gave a lecture

titled “Three-Dimensional Numerical Analysis of Dynamic Structure, Saturated Soil and Pore Fluid Interaction Problem”.

36. 美国Wisconsin-Madison大学机械工程系Lih-Sheng(Tom) Turng教授来访

During 9 November to 11 November, 2008, **Prof. Lih-Sheng(Tom) Turng** from University of Wisconsin-Madison, USA, visited our Laboratory and gave a lecture titled “Injection Molding of Highly Porous and Interconnected Biodegradable Polymer Matrices for Tissue Engineering Scaffolds”.

37. 日本东京工业大学Akira WADA教授来访

During 27 November to 29 November, 2008, **Prof. Akira WADA** from Structural Engineering Research Center, Tokyo Institute of Technology, Japan, visited our Laboratory and gave a lecture titled “Damage Controlled Structures for Strong Earthquake”.

38. 新加坡国立大学Andrew Palme教授来访

2008年12月3日至2008年12月20日，新加坡国立大学(NUS)，英国皇家学者Andrew Palmer教授来访。与岳前进团队针对室内实验方法/量纲分析和海洋结构中的关键力学问题等进行学术讲座和专题讨论。

From 3 December to 20 December 2008, **Dr. Andrew Palmer, Fellow of the Royal Society**, Professor of Singapore visited our laboratory, to give academic report and detailed discussion on the topic on dimensional analysis and offshore structures.

39. 新加坡南洋理工大学Xu Daolin教授来访

From 7 December to 9 December, 2008, **Professor Xu Daolin** from Engineering Mechanics Division, School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore, visited our Laboratory and gave a lecture titled “Chaos Theory and its Applications”.

40. 法国兰斯大学郭英乔教授来访

From 22 December to 24 December, 2008, **Professor Yingqiao Guo** from University of Reims, France, visited our Laboratory and gave a lecture titled “Analytic homogenization model & non-linear analysis of orthotropic composite plates”.

41. 美国德克萨斯大学阿灵顿分校刘亚龄博士来访

On December 25, 2008, **Dr. Yaling Liu** from University of Texas at Arlington, USA, visited our Laboratory and gave a lecture titled “Bio-Nano Interfacial Mechanics in Cardio-implants, Smart Sensor, and Nanomedicine”.