



Volume 15, No. 2

Newsletter

第十二届COTA国际交通科技年会圆满成功

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由北京航空航天大学（北航）、中国交通运输部公路科学研究院、海外华人交通协会（COTA）联合主办的第十二届COTA国际交通科技年会（12th COTA International Conference of Transportation Professionals, CICTP2012）于2012年8月3日至6日在北航成功召开。本届大会创造了多项第一。她既是改名后的第一次会议，也是Transportation Research Board (TRB)正式批准赞助后的第一次会议。另外，本次大会也是北航交通运输学科迎接学校60周年校庆举办的重要活动之一。本届大会由北航副校长张军教授与COTA主席辛那提大学魏恒教授共同担任大会主席；北航研究生院常务副院长黄海军教授和佛罗里达大学殷亚峰教授任学术委员会主席；北航交通科学与工程学院院长王云鹏教授、哈特福德大学方芳教授和德克萨斯运输部马建明博士任大会执行委员会主席；交通运输部公路科学研究院王笑京总工、华盛顿大学王印海教授任大会顾问委员会主席。大会得到美国土木工程师协会(ASCE)、交通运输研究委员会(TRB)、国家自然科学基金委员会、工业和信息化部科技司、北京市交通委员会、中国智能交通协会、北京四通智能交通系统集成有限公司、安徽科力信息产业有限责任公司等单位的大力支持。

本次会议围绕“便捷、安全、经济、高效的综合交通运输”的主题，交流国际先进技术、探讨交通发展方向和热点问题。大会共收录论文370余篇，设立9个学术论文专题分会场、3个国际特邀专家分会场、5个COTA特邀专家分会场、5个国内专家分会场，以及政府论坛、TRB世界银行论坛、TRB技术委员会主席论坛、COTA-ASCE论坛等进行科技交流，主题报告数量达到140余人次。会议期间还邀请国内重点实验室、交通领域知名企业开展了技术成果展示。有来自中国、美国、德国、英国、加拿大等国家和地区的350余人注册参加了会议。（北航大学田大新博士供稿）



COTA International Conference of Transportation Professionals, CICTP2012
formerly, International Conference of Chinese Transportation Professionals, ICCTP

Beijing, China August 3-6, 2012

- Over 370 full papers in the conference proceedings
- Over 400 participants

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Conference Secretary

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www.cota-home.org

*Two new forums and
industrial exhibition
added*

开幕式盛况

8月4日上午，开幕式在北航晨兴音乐厅隆重召开，开幕式由北航副校长张军教授主持，北航校长怀进鹏院士、中国交通运输部公路科学研究院周伟院长、海外华人协会主席、美国辛辛那提大学魏恒教授、美国国家工程院院士卡内基梅隆大学Dr. Chris T. Hendrickson教授、美国交通研究委员会交通运输网建模分委会主席普渡大学Srinivas Peeta教授、美国土木工程学会交通与发展院主任Ali A. Selim教授、IEEE智能交通协会主席 Christoph Stiller教授分别致辞。（北航大学田大新博士供稿）



会议现场



主席台嘉宾

COTA主席魏恒教授与北京交委主任刘小明教授



魏恒主席与北航怀进鹏校长、王云鹏院长交谈



与会海外嘉宾

CICTP2012

Page 3

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*Two new forums and
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added*



Dr. Ali A. Selim



Dr. Srinivas Peeta



COTA主席魏恒教授



北航校长怀进鹏院士



北航交院院长王云鹏



殷亚峰教授与长安大学赵建有教授



魏恒教授与COTA顾问梁康之



CICTP大会主席、北航航副校长张军教授



交通运输部公路科学研究院周伟院长



美国工程院院士Prof. Chris Hendrickson



IEEE智能交通协会主席Dr. Christoph Stiller

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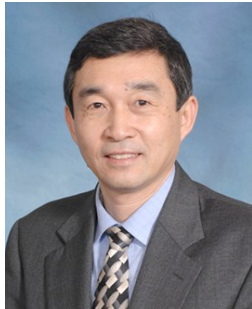
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CICTP2012 欢迎致辞

海外华人交通协会 (COTA) 主席、美国辛辛那提大学
魏恒教授

尊敬的怀校长、周伟院长、诸位国内外嘉宾、女士们、先生们：
首先，请允许我代表海外华人协会诚挚地欢迎你们的到来，衷心感谢你们抽出宝贵的时间出席第12届COTA国际交通科技年会。

海外华人交通协会，简称为COTA，自1996年成立以来，经过数届理事会和全体会员的共同努力，已经逐渐发展壮大成为今天国际上颇具影响力，尤其是为中国交通领域学者所关注的专业学术团体。

从今年起，国际华人交通学者大会更名为COTA国际交通科技年会（其英文名称为Conference of International Transportation Professionals，即 CICTP），这是一个具有历史意义的标志。众所周知，近20年以来，中国交通事业的迅猛发展和交通设施系统的大规模建设已经广泛受到全世界的瞩目，但是更多的交通相关问题也接踵而至，面对不断升级的严峻挑战，我们需要集思广益、群策群力。因此，倡导与建立COTA国际交通科技年会的会制，完全符合这种发展趋势的需求，符合所有国内外专业人士的愿望。

我要感谢大会的承办方，北京航空航天大学、中国国家智能交通系统工程研究中心的各级领导、以及国内所有赞助单位的鼎力支持。特别欣喜的是，在北航交通科学与工程学院院长王云鹏院长的领导下，拥有一支让人敬佩的团队，一支吃苦耐劳、充满智慧的团队。我永远不会忘记每一位来自这支团队的成员和志愿者，他们无私奉献和不遗余力的付出，给我留下深刻的印象。作为多次参与CICTP组织工作的一员，我深深地理解和相信，参与了这项工作，你会更清楚地知道怎样使我们为交通事业的蓬勃发展而紧密地团结到一起。你们正在从事一项崇高的事业，在此，对你们每一位的努力工作和付出表示我崇高的敬意！

我要感谢跨过半个地球来到北京参加CICTP2012的诸位享有国际声望的交通学者和朝气蓬勃的年轻学者们，你们带来新的成果和新的思想与我们分享，你们为交通科学与工程事业所带来的声望和名至实归的荣誉，是你们长期以来兢兢业业、努力勤奋的回报，我很高兴CICTP能够提供这样一个平台，邀请到你们来到北京航空航天大学，一所中国顶尖的著名大学，参加这样一个在中国举行的最大规模交通领域的国际学术交流盛会。你们的到来，就是我们最大的盼望和喜悦！

我们为本次大会所拥有的精彩节目而感到的鼓舞和自豪，除了论文演讲论坛外，特别设立了第一届TRB技术委员会主席论坛，第一届COTA-ASCE T&DI 论坛。第一届中国交通领域研究和技术展览也将同步举行。第三届COTA与世界银行中国交通发展论坛也将再次吸引更多的专家，学者和政府官员的出席和讨论。同样，传统的中国交通学院院长论坛和COTA年轻学者与学生专业发展论坛也继续在本次大会举行。与往年一样，COTA继续为CICTP设立最佳论文奖和COTA终身成就奖。

我还要特别感谢所有递交论文的作者和演讲者，是你们的积极参与使得CICTP继续生机盎然。

最后，我衷心地预祝第12届COTA国际交通科技年会圆满成功，并祝愿所有来宾在北京度过美好的时光！谢谢！

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*Two new forums and
industrial exhibition
added*

主旨发言 回顾和展望

2012年8月4日上午10:20,第十二届“交通运输领域华人学者国际会议”(ICCTP2012)“大会主旨发言”于北航晨兴音乐厅举行。此次大会主旨发言的主题为“回顾和展望”,会议邀请到国内外多位知名学者参加,与出席大会的其他学者共同回顾交通学科现有成就,展望了交通工程学科今后的发展。

开幕式主旨发言由北航交通科学与工程学院院长王云鹏教授主持,大会邀请到北京市交通委员会主任刘小明教授、美国国家工程院成员,卡耐基梅隆大学教授Chris T. Hendrickson、国家智能交通系统工程技术研究中心主任王笑京、COTA前任会长华盛顿大学教授王印海教授、北航经管学院黄海军教授等五位专家学者分别就北京交通发展历程与对策、交通学科新技术和新数据流、中国智能交通的发展与未来、城市交通网络中停车和驾驶行为建模、移动设备条件下交通学者的机遇和挑战等主题作了精彩的发言。刘小明教授首先回顾了北京航空、铁路、高速、轨道交通、地面公交几种公交类型的发展历程,指出了北京交通面临的快速城市化、快速机动化等4个挑战及相应的解决措施,并对未来北京绿色、综合、以人为本的交通体系建立工作进行了展望。Chris T. Hendrickson教授分析了交通学科中车载技术、基础设施安全技术、人车交互技术等5大关键技术领域,并提出了基于车辆传感器、智能手机定位的新的信息流模式。王笑京教授的报告着眼于中国智能交通技术的发展历程,阐述了社会经济与智能交通发展的相互影响。黄海军教授介绍了城市交通网络中停车和驾驶行为建模的思想和方法。王印海教授通过生动具体的实例介绍了在移动设备日益普及、世界变“小”的现状下,从移动网络中提取数据蕴含的机遇和挑战。



刘小明主任

Prof. Chris Hendrickson

王笑京博士

王印海教授

黄海军教授



会议现场

The 3rd COTA- World Bank Forum

August 6, 2012
Beijing

第三届世界银行与海外华人交通协会联合组织中国城市交通发展论坛

第三届世界银行与海外华人交通协会联合组织中国城市交通发展论坛于2012年8月6日上午8:30在北海航新主楼第8会议室举行。参加论坛的有世界银行高级城市运输专家方可先生、亚洲MVA Michael Chiu、得克萨斯大学奥斯汀分校Ming Zhang等。本次论坛由方可先生主持。

方可先生介绍了世界银行对中国的支持，并指出了中国城市公共交通整合的必要性，以及相应的服务保障、制度建设。Michael Chiu介绍了“无缝连接”的综合公交枢纽，并以西宁火车站、长沙高铁站太原公交首末站等为例给出推荐方案。Ming Zhang为我们传递了TOD理念，并提出了基于中国城市特征的TOD原则。



会议现场



Dr. Ke Fang



Kyle Liang



Michael Chiu



Jason Wang



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*Two new forums and
industrial exhibition
added*

The 3rd COTA-World Bank China Transport Forum was Successfully Held during CICTP 2012

Theme -- Integrated Transport Solution in Urban Transport Development: from Global Experience to a Chinese Context

August 6, 2012, by Jason Wang

The 3rd COTA-World Bank China Transport Forum was successfully held in Beihang University in Beijing on August 6, as part of the 12th COTA International Conference of Transportation Professionals (CICTP 2012) from August 3 to 6, 2012. This Forum is focused on **Public Transport System Integration**, a critical issue in urban transport development in China. More than 60 participants from the transport community participated in the Forum, including transport researchers, practitioners, graduate school students and government officials from several Chinese cities. Several World Bank staff/consultants took part in the forum, including: Ke Fang, Michael Chiu, Xiaoke Zhai, Yuhui Jiao, Gerald P. Ollivier, Xi Zhao, and Yan Zong. From COTA side, several COTA senior members participated the forum program including Ming Zhang as a forum presenter, Kyle Liang as a discussion panelist and Jason Wang as a forum moderator. The Forum was organized in two sessions. The 1st was a technical presentation session titled *Best Practices around World and Challenges Facing China's Urban Transport Development*. Presenters included Ke Fang, Michael Chiu and Ming Zhang. The second session was a panel discussion focused on the broad question of *How the Global Experience Fits into China's Rapid Urbanization Process?* The 2nd session was also combined with Q&A and floor discussions from.

Key issues in public transport system integration were explored and discussed at the first session. The presentations highlighted the importance of integration for improving passenger satisfaction and increasing service providers' efficiency and cost-effectiveness. Issues that need to be better addressed include the following:

- The immediate vicinity of intercity, long distance bus and railway stations are crowded and highly congested with motorized traffic of all kinds;
- Pedestrian access is difficult and often unsafe;
- There are few way-finding signs directing passengers to major transport terminals from surrounding neighborhoods, making access difficult for visitors and infrequent users;
- Information for passengers once inside terminals is sparse and difficult to understand, making changing from one mode to another or even locating a service on a single mode difficult;
- Urban rail systems are being expanded at a fantastic rate, but transferring from one line to another in a given city is often difficult. Changing from a bus to an urban rail service is also hard. Both often involve long walks, multiple level changes and fare payments;
- Passengers making urban rail to bus transfers must often cross wide streets with no specific pedestrian protection and walk in the street because sidewalk space is taken up by parked cars. Once at their bus stop, they often need to wait on the side of roads or streets because platforms and shelters are either too small or non-existent;
- Mode changes or even route changes within a mode often involve paying multiple fares and waiting in long lines to do so.

Global best practices about how to tackle these issues were shared in the forum, covering three key dimensions of public transport system integration: institutional, service and operation, and physical integration. In particular, integrated public transport interchange, integrated transport corridor approach to improving urban public transport and the Transit Oriented Development in Chinese context were discussed in depth.

In the second session, participants also benefited from experiences shared by the officials from World Bank project cities, including Shenyang, Zhengzhou, Changzhi, Yining, Taiyuan, and Harbin on public transport system integration. Discussions and comments provided by the international and local experts in the facilitated discussion session were well received by the participants with stimulating atmosphere.

The Forum was concluded with a closing remark by COTA president Dr. Heng Wei. It was suggested that the forum series will continue to be organized in future CICTP conferences. The forum presentations in PDF format are available on the following link: <http://sdrv.ms/P6Wi48>.

1st TRB Technical Committee Chairs Forum, Aug. 5, 2012

The First TRB Technical Committee Chairs Forum

The first TRB Technical Committee Chairs Forum was successfully held during the CICTP 2012 on August 5, 2012 in Beihang University, China. The success of the forum is reflective of the strong support of TRB to the CICTP. Dr. Srinivas Peeta, Chair of TRB Committee on Transportation Network Modeling (ADB30) and Professor at Purdue University, chaired the forum. Dr. David Noyce, Chair of TRB Committee on Traffic Control Device (AHB50), Professor and Director of TOPS Lab, Department of Civil & Environmental Engineering, University of Wisconsin at Madison, introduced the applications of advanced technologies to comprehend driver behavior in the design and operation of transportation systems. Dr. Jorge A. Prozzi, Chair of TRB Committee on International Activities (A0010), Professor, University of Texas at Austin, addressed challenges and opportunities in international cooperation in transportation research. Dr. Larry Head, Chair of TRB Committee on Traffic Signal Systems (AHB25), Professor and Department Head, Department of Civil & Environmental Engineering, University of Arizona, talked about perspectives on modern traffic signal systems research and state-of-the-art/practice development in the global context. Finally, Dr. Srinivas Peeta discussed incorporating behavioral considerations to model network traffic flow dynamics under real-time information. All the above presentations had been very well received and invited active interactive discussions. In the end of the forum, Heng Wei, Conference Chair and President of COTA made the closing remark, and on behalf of COTA and conference hosts, he expressed heartfelt appreciation to all the invited TRB technical committee chairs for their wonderful presentation. The second forum is planned to be held at the CICTP2013 in Shenzhen.



Dr. Srinivas Peeta



Dr. Heng Wei



Dr. Larry Head

Dr. Jorge A. Prozzi

Dr. David Noyce



The 1st COTA-ASCE T&DI Forum

August 5, 2012
Beijing

The 1st COTA-ASCE T&DI Forum

Moderator: Dr. Ali A. Selim, President, T&DI/ASCE, Associate Editor JTE/ASCE, Professor Emeritus, South Dakota State University, USA

Five presenters are presented in this session. The session starts with the presentation brought by Prof. Neeraj Buch from the Michigan State University. The title is “Long Life Concrete Pavements (LLCP) - A Sustainable Transportation Infrastructure Alternative.” This presentation covers three major topics regarding LLCP: systems approach to design, definition of LLCP, and general design considerations. Next, Dr. Ali Selim, SDSU Professor Emeritus from South Dakota State University, talks about “Gravel Roads - Design and Maintenance of Gravel Roads.” This topic covers gravel road design and maintenance issues, including geometrics, surface aggregate specification, thickness design basics, and crown and shoulder maintenance. The general principles for managing gravel roads mentioned in this presentation are based on US Federal Highway Administration’s Gravel Roads Manual. Following Dr. Ali Selim, Prof. Neeraj Buch gives his second presentation titled “Recent Developments in Asphalt Pavement Technology: Warm Mix Asphalt (WMA).” The benefits and technologies of WMA are discussed. Later on, two domestic speakers (from China) talk about their practical experiences. Dr. Xudong Wang from Research Institute of Highway, Ministry of Transportation, PRC talks about “Long-life Asphalt Pavement in China.” Basically, background of LLAP and its characteristics are introduced in this presentation. Last, Dr. Bo Tian from Research Institute of Highway, China talks about “PCCP Construction-Inner Mongolia, China.” The presentation starts with an introduction to the critical weather situation in Inner-Mongolia. Many pictures show the difficulties in design and construction of such pavement in Inner-Mongolia. (Contributed by Yao-Jan Wu)

第一届 COTA-ASCE T&DI论坛

第一届 COTA-ASCE T&DI论坛于2012年8月5日下午15:30在北航新主楼第4会议室举行。参与这次论坛的有密歇根州立大学Neeraj Buch教授、南达科塔州立大学Mr.Ken Skorseth、密歇根州立大学Neeraj Buch教授、长寿命沥青路面研究中心主任Xudong Wang 教授、交通运输部高速公路研究所Bo Tian研究员、交通运输部公路科学研究院ITS中心刘冬梅女士。南达科达大学Ali A. Selim教授主持。

Neeraj Buch教授介绍了长寿命混凝土路面作为一种可持续的基础设施的优点和实现方法。Mr.Ken Skorseth探讨了砾石公路的设计与维护。Neeraj Buch教授带来了沥青路面技术的最新进展成果：温拌沥青混合料。Xudong Wang 教授探讨了中国的长寿命沥青路面的具体实施问题。Bo Tian研究员用大量图片展示了PCCP在内蒙古道路建设中的运用。刘冬梅女士以佛山为例，探讨了社会主义市场经济下公共交通发展模式。



Prof. Xudong Wang



Dr. Bo Tian



王印海教授



Dr. Neeraj Buch



Mr. Jon Esslinger

Second COTA Government Forum

The 2nd COTA Government Forum was held on August 5th, 2012 at Beijing University of Aeronautics and Astronautics during the 12th COTA International Conference for Transportation Professionals. The COTA government forum was established in 2011. The purpose of this forum is to provide a platform for Chinese transportation professionals to discuss governmental affairs and transportation policies and meanwhile to open a channel to encourage information exchange and discussion between academic, industry and government.

Dr. Ruihua Tao, Chair of the 2nd COTA Government Forum, representing COTA welcomes the speakers and all attendees. Dr. Heng Wei, the president of the COTA, gives the opening speech. He reviewed history of COTA Government Forum and stressed importance of the forum in fulfilling COTA's mission.

The forum invited six government officials and transportation experts in China to give leading speeches. They are: Dr. JunFeng Yao, Deputy Director, Information Management Division, Ministry of Transport; Mr. Gang Wang, Director, Department of Science and Technology, Beijing Municipal Commission of Transport; Dr. JiZhen Guan, President, Beijing Stone Intelligent Transportation System Integration Co. Ltd., and Chief Scientist of China ITS (Holdings) Co., Ltd.; Dr. AiFen Fang, Traffic Management Institute, Ministry of Public Security; Mr. Lin Ma, Deputy Director, Center for Transportation Engineering & Technology, Ministry of Housing and Urban-Rural Development of the People's Republic of China; and Dr. Huimin Wen, Beijing Transportation Research Center, Beijing Municipal Commission of Transport.

The six speakers discussed broad topics including:

1. Beijing metropolitan area transportation development and management,
2. Transportation achievements during the 11th 5-years transportation plan,
3. The 12th 5-years plan for China Transportation Science and Technology policies and intelligent transportation development for the 12th 5-years plan,
4. Study on 13th 5-years transportation science and technology development,
5. The National "863" and "973" transportation projects
6. land use and transportation development,
7. Truck transportation management information system, data sharing, ETC equipped toll roads,
8. multimodal transportation and public transportation reform in ShangHai,

The forum was adjourned at 5:00pm. Mr. Kyle Liang, Senior Transportation Planer from Montgomery County of Maryland gives closing remarks. He highly applauds the forum that has brought in a lot information of government policies.

The 2nd COTA government forum was well attended and brought about an active discussion on government policies, traffic data sharing and data security, congestion mitigation, as well as applications of research and innovation of technologies.

The forum was adjourned at 5:00pm. Mr. Kyle Liang, Senior Transportation Planer from Montgomery County of Maryland gives closing remarks. He highly applauds the forum that has brought in a lot information of government policies. (Contributed by Ruihua Tao)



陶瑞华主持

会议现场

**2nd COTA
Government
Forum at CICTP
2012**

第二届政府论坛

第二届论坛政府 交通科学和技术政策和发展



关积珍总裁



姚俊峰



方艾芬



马林总工



王刚



温慧敏博士

第二届论坛政府于2012年8月5日下午14:00在北航新主楼第2会议室举行。参与这次论坛的有北京市交通委员会科技处王刚处长、住房和城乡建设部城市交通工程技术中心马林总工程师、国家智能交通产业技术创新战略联盟关积珍理事长等。会议由马里兰州交通部陶瑞华教授主持。

王刚处长做了题为“科技引领绿色交通”的报告，总结了北京交通治堵实践，指出科技支撑交通发展这一原则，并对“十二五”科技工作方向进行了思考。马林总工程师分析了交通与城市之间的矛盾，指出当前核心问题是构建支撑城市可持续发展的城市交通模式，并提出了未来的发展思路，包括建设短出行的城市、构建多元交通系统。关积珍理事长针对中国智能交通科技发展基本情况，分析了智能交通科技发展需求和“十二五”智能交通科技相关项目布局。

2012 China-U.S. Bilateral Forum on Strategic Development in Transportation

This forum was co-organized by Transportation Research Center at Shanghai Jiaotong University, Shanghai Transport & Port Research Center, COTA, and School of Transportation Engineering at Tongji University. The forum invited speakers from universities, government agencies, and professional organizations in the U.S. and China. The themes of the forum included national transportation development, sustainable transportation, comprehensive transportation, Intelligent Transportation and Internet of Things Technologies, Transportation Risk Management and Incident Management, Transportation Education, and Transportation Infrastructure. The forum was held in Haoran Science and Technology Building at STJU Xuhui Campus and more than 200 audiences attended the forum.

**Post-Conference
Forum:**

China-U.S.
Bilateral Forum
at Shanghai
Jiaotong
University

The very first professional development forum for young scholars and students in transportation

COTA Professional Development Forum for Young Scholars and Students

Moderator: Dr. Yu Zhang, Civil and Environmental Engineering, University of South Florida (USF)

Speakers:

Dr. Jeff Ban, Rensselaer Polytechnic Institute (RPI)

Dr. Meng Li, Tsinghua University, China

Dr. Monica Menendez, Swiss Federal Institute of Technology Zürich (ETHZ), Switzerland

Dr. Yao-Jan Wu, Saint Louis University, USA

Dr. Guohui Zhang, University of New Mexico, USA

Dr. Yu Zhang, University of South Florida (USF), USA

This forum aims to share experiences of research, teaching, and career development of young professionals among China, the U.S. and Europe. The invited speakers are young professors from U.S. and European universities and Chinese universities who had overseas studying and working experiences. In this year's forum, the presenters discussed how they made efforts to integrate research and education, to develop research groups, to improve technical writing and participate in international professional organization, and to conduct international collaborative research and education. The attendees include students and young scholars from the host university as well as from other universities who were attending the CICTP2012 conference.



张国惠教授



张瑜教授主持



会议现场



Dr. Monica Menendez



班学刚教授发言



魏恒教授发言



清华大学李萌发表讲座



吴耀然教授



Dr. James Moore



Dr. Markos Papageorgiou



Dr. Asad Khattak



Dr. Bin Ran

The first CICTP with industry exhibitions

Exhibition of the CICTP 2012

The 12nd COTA International Conference of Transportation Professionals has first time successfully hosted a well-attended exhibition to showcase research products and innovative technologies in transportation field. There were total 16 participants.

Beijing ZhiYuan (北京宏德信智源) displays the Real-time Police positioning and dispatching system. This system was deployed at Beijing Olympic.

Beijing office of the Moetronet Technology Limited (北京万浩科技) is a frontier in bio-technologies. They present the across-field technologies of Physiology Acquisition and Analysis tools and Smart Eye Pro to transportation.

Beijing DVIEW (北京数字空间科技有限公司), the Beijing DoQuick Engineering Consultant Company, Ltd. (北京道勤工程咨询有限公司) and CitiLabs demonstrated transportation software including TransCAD 6.0, TransModeler 3.0, Q-Paramics and Cube 6.0.

SoftLogistics is a Virginia-based transportation company. The company exhibits their high-tech products including: GPS vehicle tracking system, Shipping System, as well as RFID applications in transportation.

The SITS (Beijing STONE Intelligent Transportation System Integration Company, Ltd. (北京四通智能交通系统集成有限公司) presents the Beijing real-time traffic management system.

The AnHui KeLi Information Industry Company, Ltd. (安徽科力信息产业有限责任公司), the Research Institute of Highway (交通部公路科学研究院), and China Society of Intelligent Transportation (中国智能交通协会) display their products, services as well as on-going projects.

Six universities also provide posters to introduce their research activities and research projects.



四通总裁关积珍



北航王云鹏院长



四通宴请现场



大会宴请嘉宾现场



庆祝Roberto Ballarini教授生日

Dean's Forum

The Dean's forum was initiated in COTA conference in 2009. It is an invited-only session for the deans of College of Transportation (or equivalent institutes) to gather and discuss critical issues in education, research and development of colleges of transportation. It is a unique platform and has become the most influential meeting which attracts the largest number of deans in transportation area.

In 2012, about 50 deans (associate deans) from the universities all over the nation attended the forum. Prof. Yunpeng Wang, the dean of the School of Transportation Science and Engineering of Beihang University welcomed attendees and audience and introduced the highlights of education, research, and strategic plans of the school. Prof. Wei Wang, the Dean of College of Engineering of Southeast University demonstrated their efforts in streamlining resources and initiating innovative ideas to improve educational qualities and help on students' career development. Prof. Hongzhi Guan, Associate Dean from Beijing University of Technology, presented his thoughts on clarifying educational purposes and methods from philosophic point of view. Other deans also briefed the accomplishments that they have achieved in last year as well as the challenges that they were facing. The enthusiastic discussion lasted more than three hours. The audience complimented the forum and thanked for the efforts of Beihang University and COTA for organizing such an event. From their stand point of view, this forum provided a precious opportunity for them to recognize the evolution of transportation education and research in China and the needs in forthcoming development.

2012 全国交通学院院长论坛于ICCTP2012期间举行

2012 全国交通学院院长论坛8月5日14:00在北航新主楼第8会议室举行。来自北京航空航天大学、东南大学、上海交通大学、同济大学、北京工业大学、北京交通大学等国内交通运输领域最具影响力的交通运输工程相关学院院长，学科负责人和海内外专家出席了会议。会议由北京航空航天大学交通学院院长王云鹏院长主持。



易平教授、王伟院长与陆化普所长



北航王云鹏院长主持



东南大学王伟院长发言



北工大建工学院关宏志副院长



同济大学孙立军院长



会议现场



上海交大交通中心主任陆键教授发言



北交大朱晓宁副院长



Dr. Michael Zhang



姜玉林主任



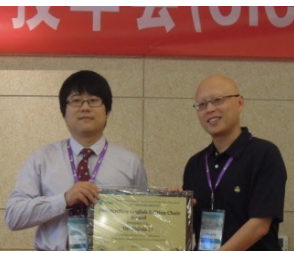
Dr. Matthew G. Karlaftis



殷亚峰教授为Yingyan Lou颁奖



殷亚峰教授为曹小曙颁奖



殷亚峰教授为李之夏颁奖



殷亚峰教授为石建军颁奖



魏恒教授为王云鹏院长颁奖

Summary of CICTP2012 Awards

Best Paper Awards

Infrastructure

A Method Based On Meta-Model For Updating the Finite Element Model Of Bridges Using The Measured Static And Dynamic Data, by Yan Li, Wei Zhang & Yang Liu, Harbin Institute of Technology

Transportation Planning, Policy and Economics

Modeling Activity-Travel Behavior of Urban Low-Income Residents, by Hui Chen, Xuewu Chen, Zhaoming Chu & Ming Yang, Southeast University

Multimodal and Sustainable Transportation

Accessibility Distribution Impact Of Intercity Rail Transit Development On Pearl River Delta Region In China, by Xiaoshu Cao & Linna Li, Sun Yat-Sen University and The University of Hong Kong

Safety and Security

Driving Behavior Comprehension through Motion Capture System: Modeling And Its Implications, by Jianjun Shi, Qing Zhao & Shuanghong Zhang, Beijing University of Technology

Best Area Editor Awards

Qing Lu (Univ. of South Florida)
Wen Cheng (Cal Poly Pomona)
Yingyan Lou (Univ. of Alabama)

Best English Editor Awards

Hao Liu (Univ. of Cincinnati)
Zhixia Li (Univ. of Wisconsin-Madison)

COTA Appreciation Awards

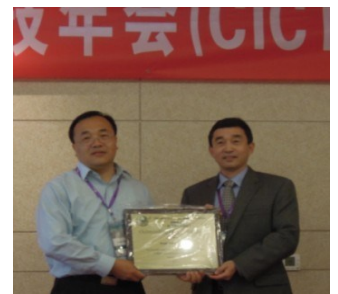
Chinese Overseas Transportation Association (COTA) presents its appreciation to the National Center of ITS Engineering & Technology at Research Institute of Highway, Ministry of Transport, China for hosting the 12th COTA International Conference of Transportation Professionals and its dedication to collaboration with COTA.

The Excellent Organizing Award was presented to School of Transportation Science & Engineering, Beihang University, China for hosting the 12th COTA International Conference of Transportation Professionals and its excellent collaboration with COTA.

The Outstanding Leadership Award was presented to Prof. Yinhai Wang for his excellent leadership during his tenure as the president of COTA between January 2012 and January 2012.

The Outstanding Service Award was presented to Mr. Jun (Jason) Wang for his devoted service and outstanding contributions to the Chinese transportation professional community.

The Life Time Achievement Award was presented to Prof. Liren Duan for his pioneering contributions and persistent efforts to advancing traffic operations and management in China.



魏恒教授为王印海教授颁奖



魏恒教授为李斌颁奖



魏恒教授为段里仁教授颁奖



魏恒教授为王军颁奖

CICTP2012

concluded in Beijing



魏恒教授从王云鹏院长手中
将锦旗接下

CICTP2013 in

Shenzhen



魏恒教授将锦旗交与清华大学
深圳研究生院马辉副院长



CALL FOR PAPERS 13th COTA International Conference of Transportation Professionals (CICTP 2013) August 13-16, 2013, Shenzhen, China

The 13th COTA International Conference of Transportation Professionals (CICTP 2013) will be held from August 13~16, 2013, in Shenzhen, China. As the conference hosts and organizers, Tsinghua University, Shenzhen University, Tsinghua-Daimler Center for Sustainable Transportation, Unihz Technologies Corporation-Shenzhen and Chinese Overseas Transportation Association (COTA) warmly welcome transportation professionals from the academia, industry, and government agencies to participate in the CICTP 2013. The CICTP annual conference, regularly drawing more than 1,000 attendees and 500 accepted papers, has become the premier gathering for transportation professionals worldwide, and for those who are particularly interested in contributing to or gaining a profound understanding of transportation development in China. CICTP 2013 will address critical issues and challenges in the evolution of modern, intelligent, multimodal, and sustainable transportation system.

Conference Spotlight Theme

Intelligent and Integrated Sustainable Multimodal Transportation Systems

Conference Highlights

The CICTP2013 distinguishes itself as the top international transportation conference in China with many unique features designed to enrich the conference experience and benefit for all attendees, such as:

- A large delegation of leading international experts, including foreign Academy of Engineering Members, Editors of leading journals, Chairs of international transportation organizations, and established Chinese overseas professionals.
- Plenary sessions that bring prestigious academic, government, and industry leaders to present the state-of-the-art/practice in transportation.
- Special themed forums that will be jointly organized by COTA and other outstanding world-class organizations such as TRB, ASCE T&DI, and World Bank, as well as top influential journals to provide excellent professional development opportunities (e.g. World Bank Transportation Development Forum, TRB Committee Chair Forum, and Transportation Journal Editors' Forum, etc.).
- Deans' Forum for Transportation Schools in Chinese Universities that provides a platform for Chinese transportation leaders in the academia to share best practices on transportation research and education.
- COTA Professional Development Forum for Young Scholars and Students.
- Podium/poster sessions and many networking events for domestic and international attendees to meet and interact with each other.
- A comprehensive Transportation Research and Technology Exhibition as part of CICTP2013 that will showcase the latest research accomplishments and state-of-the-art technologies.
- Several best paper awards and other technical awards that will be granted to individuals and organizations that have made outstanding contributions to the advance of transportation systems in China.



CALL FOR PAPERS
**13th COTA International Conference of
 Transportation Professionals (CICTP 2013)**
 August 13-16, 2013, Shenzhen, China

Conference Topics

- Intelligent, integrated, and sustainable transportation system planning and development
- Transportation economics and policy
- Land-use and transportation planning and systems modeling
- Traffic operation, control, information and management
- Travel behavior and demand analysis
- Transportation safety, emergency response management, and security
- Public transportation including bus and rail
- Transportation infrastructure design and construction
- Pavement and materials engineering, and highway maintenance
- Freight and logistics
- Vehicle technology, vehicular networks and vehicle infrastructure integration
- Air transportation
- Water-borne transportation
- Energy, environmental, and climate change issues related to transportation

Important Dates

Full Paper Submission Deadline	December 31, 2012
Paper Acceptance Notification	February 28, 2013
Revised Paper Submission	March 31, 2013
Conference Agenda Online	May 15, 2013
Conference	August 13~16, 2013

Paper/

Session Submission and Publication

All papers by Chinese domestic and international authors should be submitted online at <http://www.cictp.org>. The online submission system will be open on October 20, 2012. Papers must be written in English. Please note that this year authors are requested to directly submit their full papers. Authors are strongly encouraged to follow the guidelines for CICTP paper preparation on the paper submission website. All papers submitted to the conference will go through a rigorous peer review process organized by COTA Technical Committees with international reviewers. All accepted papers will be published by Elsevier in a conference proceeding series, which will be EI-indexed. Selected papers will be invited for submission to three special issues in prestigious SCI-indexed academic journals, including:

- Transportation Research Part C (Special issue theme: Agent-Based and Micro-Simulation Models for Transportation Operations and Planning)
- Journal of Intelligent Transportation Systems (Theme: Innovative and Intelligent Solutions in Safety, Traffic Operations, and ITS)
- International Journal of Sustainable Transportation (Theme: Multimodal and Sustainable Transportation Systems for Developing Countries)

Individuals and/or organizations interested in proposing and organizing themed sessions at CICTP2013 should email the conference organizers (see contact information at the end of this announcement). Please include a title, a brief description, and names of potential speakers for your proposed session in the email. Please contact the organizers if you have any questions regarding this new submission option.

Conference Organizer

Chinese Overseas Transportation Association (COTA) (<http://www.cota-home.org>)

Conference Local Hosts:

Tsinghua University, Shenzhen University, Tsinghua-Daimler Center for Sustainable Transportation, Unihz Technologies Corporation-Shenzhen

Conference Sponsors and Supporters:

- Transportation and Development Institute of American Society of Civil Engineers
- Various Transportation Research Board Technical Committees, USA
- Elsevier, Premier publisher in transportation research
- US National Science Foundation, USA
- China Natural Science Foundation, China
- Institute of Comprehensive Transportation of National Development and Reform Commission, China
- Beijing Municipal Commission of Transport, China
- Research Institute of Highway, Ministry of Transport, China

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Conference Committees

Conference Chairs

Yi Zhang Tsinghua University, China

Heng Wei University of Cincinnati, USA

C.D. Mote Member and President Elect, US National Academy of Engineering;
Immediately Past President, University of Maryland, USA

Conference Vice Chairs

Feiyu Kang, Tsinghua University, China

Konstantinos Triantis, Civil Infrastructure System Program Director, US National Science Foundation; Professor, Virginia Tech, USA

Executive and Organizing Committee Chairs Administrative Committee Chairs

Zhiheng Li, Tsinghua University, China

Lixin Miao, Tsinghua University, China

Lei Zhang, University of Maryland, USA

Meng Li, Tsinghua University, China

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Zuo Zhang, Tsinghua University, China (Scientific Committee Co-Chair)

Huapu Lu, Tsinghua University, China

Keqiang Li, Tsinghua University, China

Jing Shi, Tsinghua University, China

Jianping Wu, Tsinghua University, China

Oliver Storz, Mercedes-Benz China Research and Development, China

Wei Zhou, Research Institute for Highways, Ministry of Transport, China

Xiaobei Guo, Institute of Comprehensive Transportation, National Development and Reform Commission, China

Lin Ma, Ministry of Housing and Urban-Rural Development, China

S.C. Wong, University of Hong Kong, China-Hong Kong

Nan Zou, Shandong University, China

Bin Li, National ITS Center, China