



Volume 15, No. 1

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Organization

President:

Heng Wei

Board of Directors:

Yinhai Wang

Yafeng Yin

Fang (Clara) Fang

Lei Zhang

Yu Zhang

Jianming Ma

Henry Liu

Qingyan (Ken) Yang

Hubo Cai

Jinghui Wang

COTA Homepage:

<http://www.cota-home.org>
<http://nacota.org> (temporal site accessible in China)

Editors:

Hubo Cai

(hubocai@purdue.edu)

Huina Wang

(whn1987@163.com)

Newsletter

Volume 15, No. 1

June 10, 2012

TRB Approval of Being an Official Co-sponsor to COTA Activities

Transportation Research Board has agreed to be an official co-sponsor to COTA International Conference of Transportation Professionals (CICTP) series. COTA is permitted to use TRB logo as a co-sponsor at the CICTP website. Along with this approval, COTA activities will be provided with publicity in all the TRB newsletters and TRB links on the website. This is a milestone progress as a result of Drs. V. Setty Pendakur and Heng Wei's long-time and persistent efforts as well as all the COTA Board of Directors' strong supports. Another spotlight is that the 1st TRB Technical Committee Chairs Forum will be firstly held as part of the CICTP 2012 program. At this forum, Dr. David Noyce (Chair of TRB Committee on Traffic Control Device), Dr. Jorge A. Prozzi (Chair of TRB Committee on International Activities), Dr. Larry Head (Immediate Past Chair of TRB Committee on Traffic Signal Systems), and Dr. Srinivas Peeta (Immediate Past Chair of TRB Committee on Transportation Network Modeling) will talk about the state-of-the-art/practice and future research trends of areas charged by each committee. Dr. V. Setty Pendakur will preside at the forum.

In addition, the 2013 COTA-TRB Workshop is being planned and sponsored by TRB Committee on Transportation in the Developing Countries and COTA. This workshop is planned to be held on Sunday, January 13, 2013, in Washington DC during the 92nd TRB Annual Meeting. A call for speakers and a special call for papers will be released soon.

CICTP 2012 on August 3-6, 2012, Beijing – Milestone Progress

The 12th COTA International Conference of Transportation Professionals (CICTP 2012) will take place in Beijing, China on August 3-6, 2012, jointly organized by Beihang University, China National ITS Center at Research Institute of Highway affiliated with China Ministry of Transport, Chinese Overseas Transportation Association (COTA), and the Transportation and Development Institute (T&DI) of American Society of Civil Engineers (ASCE).

The theme for this years conference is "Convenient, Safe, Cost-Effective and Efficient Multimodal Transportation." The CICTP 2012 Executive and Organizing Committee has completed the rigorous two-stage reviews and have accepted 370 full papers to be included in the conference proceedings. The accepted papers address a wide range of topics covering all aspects of transportation infrastructure, organized into eleven focus areas. In addition to technical sessions and features sessions as a tradition inherited from previous ICCTP series, the CICTP 2012 incorporates several exciting new elements in addition to the inherited tradition. More detailed information is available on page 3.



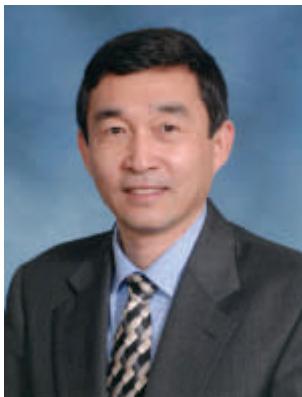
COTA International Conference of Transportation Professionals, CICTP 2012

formerly, International Conference of Chinese Transportation Professionals, ICCTP

Beijing, China August 3-6, 2012

COTA President Message

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Heng Wei, Ph.D., P.E.

President of COTA

Associate Professor,

University of Cincinnati

Tel: 513-556-3781

Dear COTA Members and Friends:

It's always great with new blood being instilled into the COTA's Board of Directors (BOD). Please join me in congratulating Dr. Henry Liu, Dr. Hubo Cai and Mr. Jinghui Wang for that they have been elected as new BOD member. Their first term was effective at the COTA BOD meeting on Jan. 22, 2012 in Washington DC. By this chance, I also want to thank Dr. Hongchao Liu, Dr. Zhanping You, and Qingyi Shi, whose BOD membership expired at that meeting, for their long-time dedications and remarkable contributions to COTA.

I am thankful for being selected as the next president of COTA starting from January 2012. Special thanks go to Dr. Yinhai Wang and Dr. Ping Yi for their strong nomination. The COTA president position is challenging, but I am intrigued at the same time. COTA has been grown much stronger under Dr. Yinhai Wang's outstanding leadership in last two years. I firmly believe that our new BOD will be more energetic and optimistic with positive outlook and willingness to dedicate our time and intelligence to COTA's continuing growth - that is the best route to long-term success of COTA. However, lots of down-to-earth efforts are indeed waiting for us ahead. Our BOD needs to continue to raise awareness about COTA's long-term challenges. Insofar it can be foreseen, I am pleased that our new BOD has resulted in a compelling plan that aims to bring COTA to the next level in the near future.

COTA has established a tradition of organizing at least two major transportation conferences each year: COTA Winter Symposium in Washington D.C. during TRB Annual Meeting, and summer conference in China, i.e., COTA International Conference of Transportation Professionals - CICTP (formally International Conference of Chinese Transportation Professionals - ICCTP). The CICTP series, established by COTA, is the premier gathering for transportation professionals worldwide, and for those who are interested in contributing to or gaining a profound understanding of transportation development in China and other countries. Since the COTA Winter Symposium is held during TRB Annual Meeting, we are working hard to reform this Symposium as a joint effort with TRB, and ultimately merge it into the TRB annual meeting programs. We wish this event will become a platform bridging TRB and COTA, and international professionals who are interested in China and other countries' transportation development in the global context.

Let's join together to demonstrate COTA's continuing commitment to being a leading professional organization in promoting and facilitating communications among transportation professionals worldwide and transportation professionals in China. I strongly encourage all the COTA's members and friends to actively participate in COTA's activities - that is the key factor for keeping COTA vital.

You can find timely update of COTA activities, news, plans, action ideas, and additional resources on the COTA website www.cota-home.org. Any feedbacks, suggestion, and recommended articles are warmly welcome (please contact the Communication Officers, Mr. Ken Q. Yang via kqy@iteris.com and Dr. Hubo Cai via hubocai@purdue.edu, or communication assistant, Mr. Zhuo Yao via yaozo@mail.uc.edu).

Sincerely,

Heng Wei, Ph.D., P.E.

President of COTA

Associate Professor, University of Cincinnati

Tel: 513-556-3781; Email: heng.wei@uc.edu

- 300 full papers in the conference proceedings
- Over 1,000 participants expected

Main contacts:

COTA:

Dr. Heng Wei
(heng.wei@uc.edu),
Conference Chair;

Drs. Clara Fang Fang
(fang@hartford.edu) and
Jianming Ma
(mjming@gmail.com),
Chairs of CICTP 2012
Executive and Organizing
Committee

Beihang University:

Dr. Yunpeng Wang
(ypwang@buaa.edu.cn)
Chair of CICTP 2012
Executive and Organizing
Committee;

Dr. Daxin Tian
(dtian@buaa.edu.cn),
Conference Secretary

Websites:

www.cictp.org;
www.cota-home.org

*Two new forums and
industrial exhibition
added*

CICTP 2012 on August 3-6, 2012, Beijing – Milestone Progress

The 12th COTA International Conference of Transportation Professionals (CICTP 2012) will take place in Beijing, China on August 3-6, 2012. The CICTP 2012 Executive and Organizing Committee has completed the rigorous two-stage reviews (i.e., abstract and full paper reviews) and the effort in English editing the finally accepted full papers. Of about 900 submitted abstracts, 600 abstracts were accepted for submitted full papers. As a result of further peer-review efforts led by editors of eleven areas, 370 submitted full papers were finally accepted to be included in the conference proceedings. To date, all the 370 papers have been submitted to the American Society of Civil Engineers (ASCE) for publishing the proceedings, which will be accessible via engineering index (EI) bibliographic database. Centering around the theme "Convenient, Safe, Cost-Effective and Efficient Multimodal Transportation", the CICTP 2012 proceedings papers address a wide range of topics including: 1) Comprehensive Transportation Planning; 2) Traffic Flow Theory, Operation and Management; 3) Traveler and Traffic Information and Control; 4) Intelligent Vehicle and Roadway Coordination Systems; 5) Public Transportation; 6) Railway Transportation; 7) Civic Air Transportation; 8) Logistics and Freight Transportation; 9) Traffic Safety and Emergency Response; 10) Transportation Energy Saving and Environmental Protection; and 11) Pavement and Materials Engineering, and Highway Maintenance. It is expected that the research and studies gathered in the proceedings will contribute to future needs of multimodal transportation systems, and help to advance transportation sustainability, energy independence, economic vitality, and quality of life. The CICTP 2012 Executive and Organizing Committee would like to thank all area editors, reviewers and English editors for their outstanding contributions to the proceedings. The conference is expected to attract more than 1,000 participants and continue to be the biggest transportation conference in China.

The American Society of Civil Engineers (ASCE) is a major sponsor and the publisher of the proceedings of CICTP2012. Under the persistent efforts of Dr. V. Setty Pendakur and Dr. Heng Wei, the Transportation Research Board (TRB) of the US National Academies has eventually agreed to cosponsor the conference and permitted TRB logo to be used as an official co-sponsor to CICTP series. The TRB logo has been posted arrayed with ASCE as official co-sponsors at the CICTP 2012 website.

The academic committee is currently in the process of reviewing and selecting CICTP 2012 best paper awards for five defined categories. They include: Category 1 - Transportation Planning, Policy and Economics; Category 2 - Transportation Operations and Management; Category 3 - Infrastructure and Pavement; Category 4 - Multimodal and Sustainable Transportation; and Category 5 - Safety and Security. Selected papers will be invited to submit to either of two special issues for Journal of Intelligent Transportation Systems (ITS) (guest editors: Heng Wei, Yinhai Wang, and Jeff Ban) and Journal of Sustainable Transportation (guest editors: Yafeng Yin, Oliver Gao and Yingyan Lou).

The CICTP 2012 Executive and Organizing Committee has invited about 15 internationally recognized, prestigious experts and scholars to delivered talks in keynote and plenary sessions. More than 30 internationally well-recognized researchers and engineers are also invited to present their recent research findings. These invitees will share their insights, thoughts, visions and experience on a variety of current practice and state-of-the-art transportation topics.

CICTP 2012 Forums and Industrial Exhibition

CICTP 2012 provides a series of forums with perspectives that are of great interest to audiences of various backgrounds. They are the 3rd COTA-World Bank China Transport Forum, the 1st TRB Technical Committee Chairs Forum, the 1st COTA-ASCE T&DI Forum, Dean Forum for Chinese University Transportation Schools, and COTA Professional Development Forum for Young Scholars and Students. In the COTA-World Bank Forum, World Bank representatives in China offices will discuss the up-to-date status and associated results of the projects that World Bank has invested in China transportation infrastructures, as well as challenges or problems they have encountered. Four TRB Committee Chairs will talk about the state-of-the-art/practice and future research trends of the areas charged by each committee. Three speakers recommended by ASCE T&DI and two speakers recommended by Research Institute of Highway (China Ministry of Transport) will share their thoughts and development trends in areas of highway infrastructure and materials at the 1st COTA-ASCE T&DI Forum. Deans from Chinese University Transportation Schools will convene to share experiences and challenges, and promotes excellence at every level in transportation education and research. Professional development forum is aimed to assist young scholars in expanding their careers inside and outside of academia. The 1st China Transportation Research and Technology Exhibition will also be held during the CICTP 2012.

CICTP 2013 at
Tsinghua
University



August, 2013
Beijing Jiuhua
International
Exhibition Center

清华大学将承办**CICTP2013 (CICCP will be hosted by Tsinghua University)**

2013年8月、北京九华国际会展中心

(August 2013, Beijing Jiuhua International Exhibition Center)

经海外华人交通协会 (COTA - Chinese Overseas Transportation Association) 理事会 (Board of Directors) 讨论决定，第13届COTA国际交通科技年会 (CITCP: COTA International Conference of Transportation Professionals - ICCTP 2013) 将由清华大学与清华戴姆勒可持续交通联合研究中心联合承办，时间拟定为2013年8月间，会议地点为北京九华国际会展中心。经过全体委员会认真而细致的评审，贵团队的申请得到一致的赞誉，并获到全体投票一致通过。目前大会组委会正在筹备中，联系人为清华大学自动化系李志恒博士和李萌博士。

北京九华国际会展中心位于有"中国温泉之乡"美誉的北京市昌平区小汤山镇。这里交通便利，距亚运村25分钟车程，距首都国际机场40分钟车程，南靠温榆河生态走廊。交通便利，风景优美，周边与京承、京昌、六环、立汤等高速路、城市快速路相邻相接，四通八



Beijing Jiuhua International Exhibition Center

Post-conference Symposium in Shanghai

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Symposium is being
organized following
the CICTP2012
meeting



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY

China-U.S. Bilateral Forum on Strategic Development of Transportation

Shanghai, China
August 6-7, 2012

Transportation development directly influences the growth of national economic and the developments of many areas of the society. It has contributed immeasurable value to China's economic construction, reforming and opening-up. After more than 30 years of rapid development, the scale of the transportation system in China has leapt into the front ranks of the world. At the same time, transportation related fields have been growing promptly in science and technology research, professional talent training and so on. With an objective and scientific attitude, summing up successful experiences and reflecting on the lessons of failures in the transportation development over past 30 years will help to provide reference for more advanced transportation development in the future. In fact, compared with tactical development, strategic development has a more important significance to macroscopic development of transportation and the influence of the future. Strategic development, a macroscopic guidance, has long-term influence on transportation planning of all levels of administration in the nation. Therefore, in a certain sense, strategic development has more far-reaching challenge and difficulty than tactical development in transportation area.

At both microscopic and macroscopic levels, this forum encourages the discussion of the strategic thinking and planning of transportation construction, management, research and professional talent training in both China and the United States (U.S.). The forum aims to summarize and rethink the gains and losses from transportation development process in the last few decades, and put forward constructive recommendations for future development. This forum will invite scholars and experts who are working in related fields from both China and the U.S.. Technical sessions and panel discussions are designed in this forum for attendees to discuss academic research related topics in transportation development.

Organizers:

Transportation Research Center, Shanghai Jiao Tong University
Chinese Overseas Transportation Association (COTA)
School of Transportation Engineering, Tongji University

Co-organizers:

Shanghai Transportation Engineering Society
Shanghai Waterway Transportation Development Research Center
Transportation Research Board (Shanghai)
Transportation Research Board (USA)

Organizing Committee:

Dr. Jian Lu, Shanghai Jiao Tong University
Dr. Yu Zhang, University of South Florida (USA)
Dr. Xiaoguang Yang, Tongji University

A special subcommittee has been established to boost research and collaboration activities for transportation systems in developing countries



Mr. Holger Dalkmann in discussion



2013 TRB-COTA Workshop on the Way

The TRB Committee on Transportation in the Developing Countries (ABE90) and China Overseas Transportation Association (COTA) have officially announced the “Speaker Solicitation” for the 2013 TRB-COTA Work, which is planned to be held on Sunday, January 13, 2013, in Washington DC, during the 92nd TRB Annual Meeting. This is the first time for TRB and COTA to jointly organize the event, which will be merged into the TRB Annual Meeting Program. A special subcommittee of ABE90, ABE90-COTA China Conference Planning Subcommittee - ABE90(3), was established to explore a sustainable formula for such an effort, and its first meeting was held at 1:30 - 3:15 PM, January 24, 2012, in Hilton Northwest. Dr. Heng Wei, the ABE90(3) Chair, presided that subcommittee.

At that meeting, Dr. Zhaocheng He, Associate Professor from Sun Yat-Sen University (China) introduced the ITS center at Sun Yet Sen University and presented their preliminary plan to support the TRB-COTA Workshop via delivering presentation and demonstration about the state-of-the-art development of ITS system construction and application in Guangzhou Province and submitting technical papers. Dr. Meng Li, Associate Professor from Tsinghua University (China) gave a review of transportation infrastructures in Beijing with its recent changes and a showcase of the Sino-Singapore eco-city in Tian Jing. Dr. Xiaokuan Yang, Professor of Beijing University of Technology (China), introduced Chinese transportation infrastructure development with analysis of its deficiencies. Mr. Holger Dalkmann, Director, EMBARQ - Center for Sustainable Transport World Resources Institute (WRI), introduced the WRI, and their practices and achievements for promoting sustainable transportation systems in developing counties.

The above presentations were then followed by intensive discussions about planning the 2013 TRB-COTA Workshop. First of all, Dr. Heng Wei introduced his idea and designated theme of the workshop. Mr. James Wright of AASHTO suggested that topics include infrastructure maintenance and budgeting to provide information for policy makers. Dr. Setty Pendakur pointed out that experiences and lessons from other developing countries shall be considered in terms of their best practices. The most common problem in developing countries is the lack of systematic and integrated development. Experts with related experiences in such development shall be invited to the workshop. Dr. Yu Zhang added that the transfer of best practices in U.S. to developing countries may be a challenge. Dr. Pendakur also suggested that the workshop should be a forum for the common wealth of the developing countries, particularly China though. The first workshop would be better to start from a small session and grown as time goes by. And the topics shall also highlight today's research to future benefits. Mr. Holger Dalkmann suggested that a large variety of representatives from the developing countries may help the committee.

Finally, timeline schedule for speaker solicitation and paper submissions were discussed. Liaisons with other TRB committees were initialized as the following. Dr. Yu Zhang will help to distribute this information to the aviation related committee she is serving on. Dr. Xiaoduan Sun was willing to be a liaison with TRB safety committee, and Dr. Guohua Song will voluntarily communicate with ADC20 transportation and air quality committee.



Dr. Heng Wei presided the ABE90(3) Subcommittee Jan. 24, 2012 at TRB

COTA Activities at TRB

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More pictures of the

ABE90(3)

Subcommittee meeting
on January 24, 2012



Dr. Quanlu Wang sharing his opinion



Dr. Meng Li presenting Sino-Singapore eco-city in Tian Jing



Dr. Zhaocheng He introducing ITS center at Sun Yet Sen University



Dr. Setty Pendakur, Mr. Chi-Hsin Shao, Mr. James Wright and Dr. Yu Zhang (from left to right) in discussion

2013 TRB-COTA

Workshop calls for
speakers

*Abstract is due by
July 15, 2012*

Call for Speakers for 2013 TRB-COTA Workshop Development of China Sustainable Transportation

Sunday, January 13, 2013, in Washington DC

Sponsored by TRB Committee on Transportation in the Developing Countries (ABE90) and co-sponsored by China Overseas Transportation Association (COTA)

Speaker Solicitation

ABE90 and COTA are soliciting researchers/experts/speakers to share their in-depth understanding and state-of-the-art/practice development of applicable and adaptive policies and planning strategies, and proven technologies towards sustainable transportation in China, as well as key transportation infrastructure investment programs. Supportive case studies are highly welcomed along with the presentations. The following is a list of suggested topics:

- Applied policies and their effects on transportation infrastructure investments (including infrastructure maintenance and budgeting), mobility and access, and social and economic benefits.
- Traffic problems and countermeasures responding to large-scaled urbanism and motorization, as well as associated economy development.
- Best practices in transforming successful experiences from the developed countries to China and problems or challenges due to dissimilar circumstances and other social factors or constraints.
- Showcases of proven techniques have contributed to improvement of transportation information and congestion management.
- From Transportation models to multi-modal urban transportation and integrated urban development: the way of the future.
- Comparison (similarities and differences) of transportation infrastructure design, planning and management (including standards and/or specifications).
- Experiences, problems or challenges, and future plans for balanced considerations of highway safety, security, highway design, roadway network planning, traffic information, environmental concern, as well as user benefit through cooperation among multiple institutes.
- Challenges remaining in creating more vibrant, livable, sustainable future transportation systems and cities of high population density, and their potential countermeasures.

If you wish to make a presentation, without a formal paper, please email a one-page abstract to Dr. Heng Wei (heng.wei@uc.edu) while copying to Dr. V. Setty Pendakur (pendakur@interchange.ubc.ca) by July 15, 2012. Also, kindly send a 2-page resume of your professional experience and expertise. If you want to submit a full paper, please submit it through the TRB paper submission system by August 1, 2012 and notify Dr. Heng Wei and Dr. V. Setty Pendakur of the submitted paper number and title by August 3, 2012.

COTA Activities at TRB

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COTA Symposium
at TRB

15th COTA/WCTA Annual Symposium

The theme of the 15th COTA/WCTA annual symposium is “Towards Sustainable Transportation and Development: Policies, Technologies, and Implementations.” The primary goal of this symposium was to gather the internationally recognized experts and scholars who have rich applied research and practical experiences in sustainability development. Among the 34 abstracts received, 18 presentations were scheduled in five technical sessions, covering sustainable pavement, alternative energy and transportation, recent advances on Intelligent Transportation Systems, and other current issues in sustainable transportation. Among the 18 speakers, five of them came from academia in China and others from academia or government agencies in the U.S. They addressed their in-depth understanding and shared state-of-the-art/practice development of applicable policies, planning strategies, and proven technologies towards sustainable transportation. In addition, a COTA/World Bank panel, composed with transportation specialists from World Bank and professors from academia, was arranged for discussing the implementations of Integrated Corridor Management in China. The audience of symposium is accounted as about 90 person-times.



Panel Discussion

Participants



Fang Ke of World Bank

Dr. Bei Zhao
Beihang University

Prof. Hongzhi Guan



Presenters/Speakers

COTA Activities at TRB

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COTA Reception



VIP Dinner



Career Opportunities and Announcements

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Announcements

CICTP2012 in Beijing, August 3-6, www.cictp.org. (Page 3)

CICTP2013 to be hosted by Tsinghua University. (Page 4)

Post-conference China-U.S. Bilateral forum in Shanghai, August 6-7. (Page 5)

2013 TRB-COTA Workshop calls for speakers. (Page 8)



Got news? Share with us by emailing news@cota-home.org

Check out the new homepage of COTA at www.cota-home.org

Careers

Latest opportunities are available at http://www.cota-home.org/Member_career.html.

Other Events

Construction Research Congress (CRC) 2012 was hosted by Purdue University in West Lafayette, Indiana, between May 21st to 23rd. CRC is the construction academic community under the Construction Institute of ASCE. Its annual meetings are the largest gatherings of construction researchers. Typical events during these meetings including a PhD Poster Competition, CRC business meeting, Peurifoy Lecture, and Junior Faculty Panel in addition to technical sessions. This year's CRC meeting has set up a few records: (1) paperless online access to tablet-based presentations, papers, and schedule; (2) over 400 submitted abstracts and 253 full papers included in the proceedings, organized in 14 technical tracks including one track dedicated to **Infrastructure Management**; (3) over 350 attendees from all over the world; (4) addition of 4 industrial workshops and the Women in Construction Panel; (5) Halpin Lecture; and (6) over 55 PhD posters.

For more information regarding this event, please visit www.2012crc.com.



Purdue Team



Peurifoy Award



Halpin Award



Technical Sessions