



Volume 20, No. 1

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20th COTA TRB Winter Symposium

2017 COTA Winter Symposium was successfully held on January 8, 2017, in conjunction with the 2017 TRB Annual Conference in Marriot Marquis in Washington DC.

Twelve speakers from China and the U.S. presented their most up-to-date research in various transportation areas, including transportation planning, transportation management and operations, traffic safety, and so on. The symposium organization and steering committees put in great efforts in soliciting these highly recognized speakers. Dr. Shanjiang Zhu, Dr. Haizhong Wang, Dr. Ke Han, Dr. Heng Wei, and Dr. Guohui Zhang moderated these sessions, including Big Data Analytics, Sustainable Mobility, Emerging Technologies, COTA Dissertation Award Ceremony and Panel Discussion: Career Development for Young Professionals.



The 20th COTA Annual Symposium at TRB 2017

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January 8, 2017
8:00 AM – 5:30 PM

Chinatown (M3),
Marriott Marquis
Washington, DC

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Dr. Shanjiang Zhu moderated the Section of Big Data Analytics, and the following internationally renowned researchers delivered excellent presentations:

- Dr. Yuchuan Du, Tongji University, *Does Mobike Bring People Back to Bicycle?*
- Dr. Xiaoyan Xie, École des Ponts ParisTech, *Stochastic Model for Decomposing Journey Time in Mass Transit*
- Dr. Xiaoqian Sun, Beihang University, *Data Management in Large Transportation Networks*
- Dr. Yanyan Chen, Beijing University of Technology, *Accurate Perception, Guidance, and Service for Urban Population Travel Supported By Big Data*



Dr. Yuchuan Du



Dr. Xiaoyan Xie



Dr. Xiaoqian Sun



Dr. Yanyan Chen

Dr. Haizhong Wang moderated the Section of Sustainable Mobility, and the speakers and their presentations are:

- Dr. Xuwei Qi, University of California at Riverside, *Data-Driven Autonomous Learning for Fuel Efficient Driving of Plug-in Hybrid Electric Vehicles*
- Dr. Wei Zhang, FHWA, *Alternative Intersection/Interchange Designs: Low Cost Way to Preserve Mobility*
- Dr. Xianbiao Hu, Metropia, *Pay-As-You-Drive-And-You-Save (PAYDAYS) Insurance Actuarial Study*
- Dr. Hongzhi Guan, Beijing University of Technology, *Instrumental Rationality and Value Rationality in Traffic Systems*

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Dr. Ke Han moderated the Section of Emerging Technologies, the following internationally renowned researchers delivered excellent presentations:

- Dr. Meng Wang, Delft University of Technology, *Velocity Coordination of Cooperative Vehicles At Junctions*
- Dr. Zong Tian, University of Nevada, Reno, *How Will Technologies Change Our Way of Doing Signal Timing and Coordination*
- Dr. Jiaqi Ma, Leidos, *Paving the Way to Connected Automation: Integrated Vehicles and Infrastructure in a Future Transportation Environment*
- Dr. Ke Han, Dr. Stavros Sidiropoulos, Imperial College London, *A Framework for The Optimization of Terminal Airspace Operations in Multi-Airport Systems*



Based on the recommendation from the Awards Committee, Dr. Dapeng Zhang, who received his Ph.D. degree from the Rensselaer Polytechnic Institutes under the supervision of Assistant Professor Xiaokun (Cara) Wang, is the winner of the Best Dissertation Award. Dr. Cong Chen, University of New Mexico and Dr. Yanshuo Sun, University of Maryland are nominees of the Best Dissertation Award.



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The symposium concludes with a panel discussion on “Career Development for Young Professionals”, which chaired by Dr. Guohui Zhang. Panelists include:

- Dr. Pan Liu, Southeast University
- Dr. Xuan (Sharon) Di, Columbia University
- Dr. Wenjing Pu, FHWA
- Dr. Yuxiong Ji, Tongji University
- Dr. Li Wang, North China University of Technology
- Dr. Ming Cai, Sun Yat-Sen University



Session IV, Panelists (Dr. Yuxiong Ji, Dr. Pan Liu, Dr. Li Wang, Dr. Wenjing Pu, Dr. Ming Cai, Dr. Xuan (Sharon) Di)



COTA 20th Anniversary Reception at 2017 TRB

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January 10, 2017
6:00 PM – 8:00 PM

Room 202A,
Convention Center
Washington, DC

President:

Yu Zhang

Vice President:

Lei Zhang

Jianming Ma

Board of Directors:

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COTA 20th Anniversary Reception at 2017 TRB

COTA hosted its 20th Anniversary Reception at Washington Convention Center during the 2017 TRB. Dr. Yu Zhang, President of COTA gave welcome remarks and the recognition of current COTA Board of Directors.



Current COTA Board of Directors

(Dr. Yu Zhang, Dr. Yafeng Yin, Dr. Lei Zhang, Dr. Jianming Ma, Dr. Xiaokun Wang, Dr. Shanjiang Zhu, Dr. Heng Wei, Dr. Haizhong Wang, Dr. Guohui Zhang, Dr. Zhen Qian, Ruimin Ke)

The COTA Founding Chair, Dr. Bin Ran, Professor at the University of Wisconsin, Madison gave remarks and introduced the previous COTA presidents.



Past COTA Presidents

(Dr. Bin Ran, Dr. Heng Wei, Dr. Yinhai Wang, Dr. Ping Yi, Dr. Jun Wang, Dr. Jian Lu, Dr. Lei Yu, Dr. Yu Zhang, Dr. Yafeng Yin)

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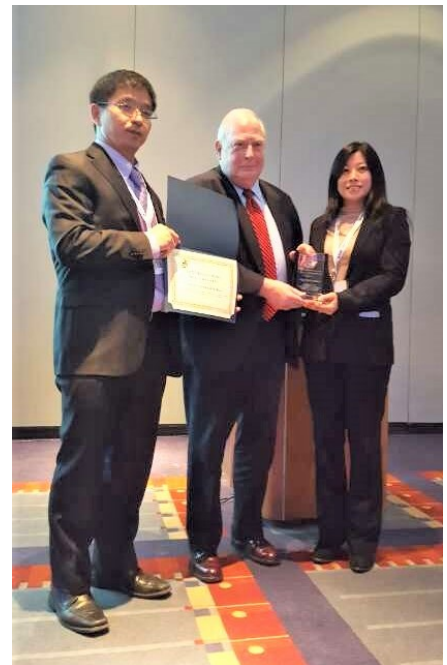
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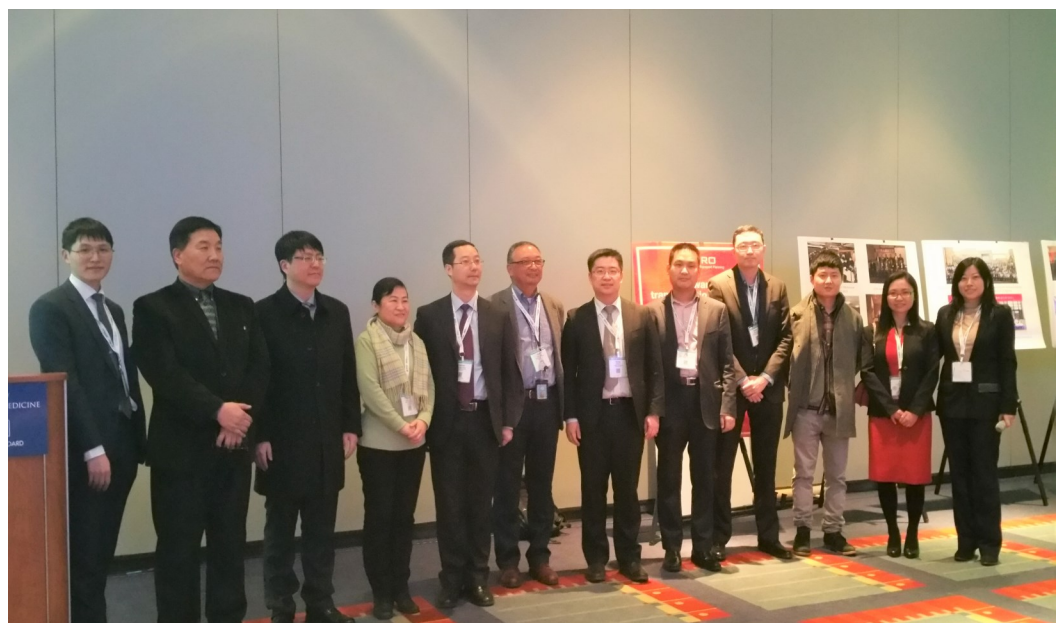
COTA 20th Anniversary Reception at 2017 TRB

Dr. C. Michael Walton, Ernest H. Cockrell Centennial Chair in Engineering at the University of Texas at Austin is elected COTA Honorary Member.

The COTA International Conference of Transportation Professionals (CICTP) partners were introduced during this reception, including Tongji University, Southeast University, Beijing University of Technology, Chang'an University, Beijing Jiaotong University, Southwest Jiaotong University, Harbin Institute of Technology, Shenzhen University, Central South University, Beihang University, Tsinghua University, Dalian University of Technology, Shanghai Maritime University, and Wuhan University of Technology.



COTA Honorary Member Dr. C. Michael Walton (Dr. Jianming Ma, Dr. C. Michael Walton, Dr. Yu Zhang from Left to Right)



CICTP Partners

The 20th COTA Annual Symposium at TRB 2017

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January 8, 2017
8:00 AM – 5:30 PM

Chinatown (M3),
Marriott Marquis
Washington, DC

COTA has passed her 20th years soon and steps into a new chapter of her growth and development. COTA will continue the efforts of providing platform for knowledge transfer and information exchange, serving COTA members and friends, and linking transportation professionals worldwide and their counterparts in China. To celebrate the accomplishment of COTA and recognize the support and contribution of COTA members and friends, we arranged a special celebration reception and cordially invite you to join in us!

Yu Zhang, Ph.D., President of COTA

President:

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Jianming Ma

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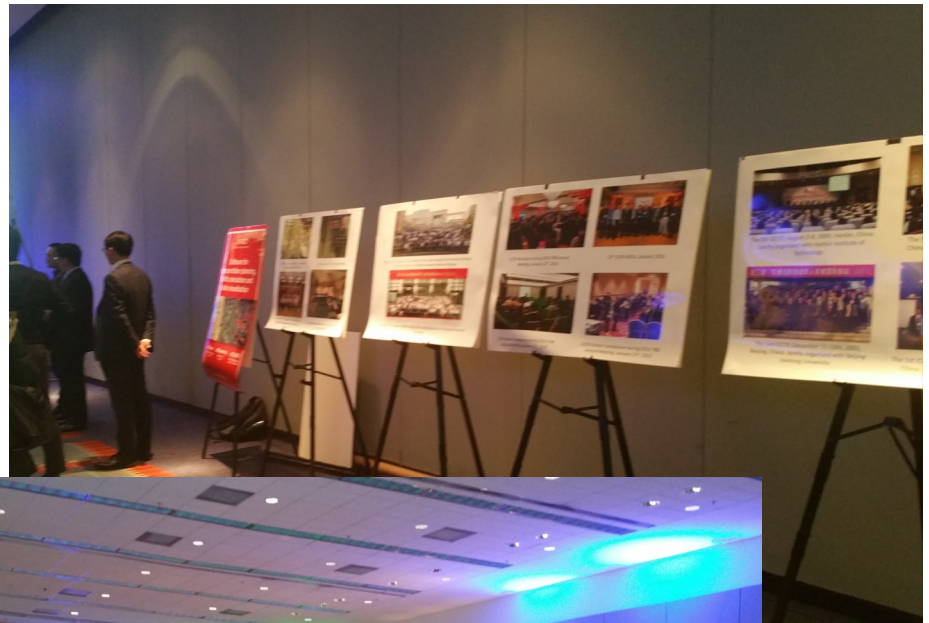
Ruimin Ke

Ke Han

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Reception Site

Organizers :

Chinese Overseas
Transportation
Association
(COTA)

Tongji
University

President:

Yu Zhang

Vice President:

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The 17th COTA conference International Conference of Transportation Professionals (CICTP2017) will be held during July 7-9, 2017, in Shanghai, China, jointly organized by Tongji University and Chinese Overseas Transportation Association (COTA). CICTP 2017 will address new challenges emerging from the comprehensive transportation reform and change. The conference will host a series of technical sessions, plenary sessions, and ten featured forums, including the Dean Summit, World Bank Forum, Meet the Journal Editors-in-Chief, etc. As the hosts and organizer of CICTP 2017, Tongji and COTA invite submissions of both research and practical articles. The best-paper awards and other professional awards will be granted to the authors of excellent papers or institutes / enterprises which have made outstanding contributions to the development of transportation systems. We plan to continue this tradition and seek to publish special journal issues for CICTP2017 on internationally recognized journals, including: **ASCE Journal of Transportation Engineering, ASCE Journal of Urban Planning and Development, IET Intelligent Transportation Systems Journal, Journal of Intelligent Transportation Systems, Transportation Research Part C, Transportation Research Part D.**

CICTP2017 will address critical issues and challenges emerging from the following areas:

- Aviation Management
- Intelligent Transportation System (ITS)
- Logistics and Freight Transportation
- Rail & Transit Operations and Management
- Traffic Safety, Security and Emergencies
- Transportation Policy, Planning and Modeling
- Big Data Application in Transportation
- Infrastructure Maintenance and Preservation
- Multimodal Transportation
- Road Traffic Operation and Management
- Transportation Energy and Environment



The best-paper awards and other professional awards will be granted to the authors of excellent papers or institutes/enterprises which have made outstanding contributions to the development of transportation systems in China.

Please visit <http://www.cota-home.org/CICTP/CICTP2017.html> for more information about the

Organizers :

Chinese Overseas
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Tsinghua
University

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CICTP2017

CICTP2017 offers excellent opportunities for visibility to conference sponsors. We are seeking institutional, corporate, and individual sponsorship of this conference. Multiple levels of conference sponsorship opportunities are available. All sponsorship opportunities are first-come, first-served. The level of sponsorship and corresponding benefits are shown as follows:

1. Booth Product Display Sponsor
 - 1) Product Display Sponsorship Fee
 - Product Display with 2 m² for US\$600
 - Product Display with 4 m² for US\$1,000
 - Product Display with 10 m² for US\$2,000
 - 2) Display Date and Time: From July 7 to July 9 2017.
2. Session Sponsor
 - 1) Sponsorship fee for one session is US\$1,000.
 - 2) Sponsor can deliver one technical talk (20 minutes) related to the session topics in the sponsored session.
 - 3) Up to two morning sessions and two afternoon sessions. The potential session topics are as follows:
 - a. Travel Demand Forecasting Methods and Applications
 - b. Integration Methodologies from Macro to Meso to Micro and Applications
 - c. Advanced Transportation Design Methods and Applications
 - d. Advanced Traffic Management and Control Systems and Applications
3. Program Book Display Sponsor
 - 1) Program Book Sponsorship Fee:
 - a. Quarter-page Sponsor for US\$600
 - b. Half-page Sponsor for US\$1,000
 - c. One-page Sponsor for US\$2,000
 - 2) Sponsors design their own display and submit it to Sponsorship Committee Chair by June 5, 2017.
4. Benefits for All Sponsors
 - 1) Sponsors' logo and web address will be shown in all CICTP2017 event promotions and posted on COTA websites (from the date of sponsorship payment to December 31, 2017).
 - 2) Sponsors are permitted to bring pamphlets to the conference, which can be distributed during the CICTP 2017 under the guidance of conference organizers.
 - 3) Each sponsor will be given free registration for one representative of the sponsor including three meals, refreshments for coffee break and access to all sessions of CICTP2017. Additional representatives will pay a discounted registration fee at US\$200 per person.
 - 4) Verbal recognition of your sponsorship at the conference.
5. Sponsorship Committee

COTA Sponsorship Committee Chairs: Dr. Jianming Ma, Vice President of COTA Email: mjming@gmail.com; (U.S. Tel: +1 512-923-6456, China Tel: +86 139-1015-5649) , and Dr. JiaHao Wu, President, W&S Solutions; Email: jiahao.wu@wssolutions.us

For more information about sponsorship to COTA, please check <http://www.cota-home.org>.

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Tsinghua University Selected as CICTP2018 Host

Based on the review results and recommendation from the CICTP2018 Host Selection Committee, the COTA BOD has selected Tsinghua as the host university for CICTP2018.

Tsinghua University was established in 1911. Since China opened up to the world in 1978, Tsinghua University has developed at a breathtaking pace into a comprehensive research university. At present, the university has 14 schools and 56 departments with faculties in science, engineering, humanities, law, medicine, history, philosophy, economics, management, education and art. The University has now over 25,900 students, including 13,100 undergraduates and 12,800 graduate students. As one of China's most renowned universities, Tsinghua has become an important institution for fostering talent and scientific research.



COTA and Tsinghua University are currently in the contracting process. More information about CICTP2018 will become available later this year.