



World Conference on Transport Research 2016 —International Traffic Signal Control Forum

“The Present and Future of Traffic Signal Control – An International Perspective”.

July 13, 2016, Shanghai, China

<i>Welcome and Opening Remarks</i>	
13:30 ~13:40	Dr. Bing Wu, Professor, Tongji University
13:40 ~13:50	Dr. Jizhen Guan, China Intelligent Transportation Systems Association
Country Report Moderators: Zong Tian, Keping Li	
13:50 ~ 14:10	Yongjin Zhao, Traffic Management Research Institute for the Ministry of Public Security, China
14:10 ~ 14:30	Wanjin Ma, Tongji University, China
14:30 ~ 14:50	Tom Mathew, Indian Institute of Technology Bombay, India
14:50 ~ 15:10	Fatih Gundogan, İSBAK A.Ş, Turkey
15:10 ~ 15:30	Andy Chow, University College London, UK
15:30 ~ 15:50	Q&A
15:50~16:00	<i>Tea / Coffee Break</i>
16:00 ~ 16:20	Darcy Bullock, Purdue University, USA
16:20 ~ 16:40	Takashi Oguchi, The University of Tokyo, Japan
16:40 ~ 17:00	Martin Fellendorf, Graz University of Technology, Austria
17:00 ~ 17:20	Bernhard Friedrich, TU Braunschweig, Germany
17:20 ~ 17:40	Edward Chung, Queensland University of Technology, Australia
17:40 ~ 18:00	Q&A
18:30~20:00	<i>Dinner</i>

July 15, 2016, Tianjin, China

<i>Welcome and Opening Remarks</i>	
8:30 ~ 8:45	<i>Dr. Zong Tian, Professor, University of Nevada, Reno</i> <i>Dr. Zhongxian Li, Professor, Tianjin Chengjian University</i>
<i>Traffic Signal Control Technical Sessions</i>	
Session 1: Advances and Applications of Adaptive Signal Control	
Moderator: <i>Dr. Edward Chung, Professor, Queensland University of Technology, Australia</i>	
8:45 ~ 9:10	Adaptive Signal Control – A Systems Overview and Objectives <i>Dr. Martin Fellendorf, Professor, Graz University of Technology, Austria</i>
9:10 ~ 9:35	Active Traffic Management for Congested Urban Roadway Networks using Adaptive Signal Control: System Design and Implementation in New York City <i>Dr. Wuping Xin, CTO, KLD Engineering, USA</i>
9:35~10:00	German Practice on Actuated and Adaptive Signal Control <i>Dr. Ning Wu, Professor, Ruhr University Bochum, Germany</i>
10:00~10:25	Adaptive and other Camera-based Dynamic Signal Control Methods in Turkey <i>Dr. Fatih Gundogan, Deputy General Manager, Turkey</i>
<i>10:25 ~ 10:50</i>	<i>Tea / Coffee Break</i>
Session 2: Performance Measures and Evaluation for Signal Control Systems	
Moderator: Hideki Nakamura , Professor, Nagoya University, Japan	
10:50 ~ 11:15	Performance Based Traffic Signal Management and Outcome Assessment <i>Dr. Darcy Bullock, Professor, Purdue University, USA</i>

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11:15 ~ 11:40	Automated Traffic Signal Performance Measurement and Fine-tuning Using High-resolution Data <i>Dr. Henry Liu, Professor, University of Michigan, USA</i>
11:40 ~ 12:05	Systematic Quality Management for Traffic Systems based on Automated Data Analysis <i>Dr. Bernhard Friedrich, Professor, Technical University Braunschweig, Germany</i>
12:05~12:30	Measuring Traffic Signal Performances based on Mobile Internet Data in China <i>Dr. Meng Li, Associate Professor, Tsinghua University, China</i>
12:30 ~14:30	Lunch/Vendor
Session 3: Design and Control Strategies for Unconventional Intersections	
Moderator: Keping Li, Professor, Tongji University, China	
14:30 ~ 14:55	Capacity Analysis of Unconventional Left-turn Treatments at Signalized Intersections <i>Dr. Pan Liu, Dean and Professor, Southeast University, China</i>
14:55 ~ 15:20	Dynamic, Optimal Real-time Algorithm for Isolated Signals Dr. Bruce Wang, Associate Professor, Texas A&M University
15:20 ~ 15:45	Optimal Operation of Intersection with Pre-Signals <i>Dr. Wanjing Ma, Professor, Tongji University, China</i>
15:45 ~ 16:10	Special Intersection Design and Control <i>Dr. Yiming Bie, Associate Professor, Harbin Institute of Technology</i>
	Practice and Experience of Special Intersection Design <i>Dr. Wei Liu, Professor, Chongqing Jiaotong University</i>
16:10 ~ 16:30	Closing Remarks – Dr. Keping Li, Tongji University
18:00 ~20:00	Sightseeing/Dinner

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July 16, 2016, Tianjin, China

Panel Discussions (in Chinese)

Moderator: Zong Tian, Professor, University of Nevada, Reno

Panel Members:

Keping Li, Professor, Tongji University (同济大学)

Baohua Mao, Professor, Beijing Jiaotong University (北京交通大学)

Pan Liu, Professor and Dean, Southeast University (东南大学)

Wuping Xin, Chief Technology Officer, KLD Engineering, P.C. (美国 KLD 公司)

Xiaogang Wang, Vice President, Beijing Lutong (北京路通信联科技有限公司)

Fang Nie, Director, Tianjin Institute of Traffic Management Bureau (天津市交管局
研究所)

Dongbo Liu, Director, Wuxi Research Institute (公安部无锡所)

Junping Xiang, ITS General Manager, Lianyungang JARI Electronics Co., Ltd. Of
CSIC (中船重工集团连云港杰瑞电子有限公司 ITS 事业部)

9:00 ~ 10:20	Part 1
10:20 ~ 10:50	Tea / Coffee Break
10:50 ~ 12:00	Part 2
12:00	Adjourn and Conference Lunch