

July 7th

Traffic Signal Control and Simulation Forum

9:00 – 17:00

Chair: *Dr. Ruimin Li, Associate Professor, Tsinghua University, China*

Meeting Room 5

Fusheng Zhang, Researcher, North China University of Technology

Xijiao Hotel

西郊宾馆第五会议室

9:00 - 9:10	Open remarks
9:10 - 9:35	Data Driven Traffic Signal Performance Evaluation, Diagnosis, and Optimization <i>Prof. Henry Liu, Chief Scientist, DiDi, Professor, University of Michigan, USA</i>
9:35 - 10:00	Real-Time Traffic Management Decision Support with Integrated Behavior and Network Simulation <i>Prof. Lei Zhang, University of Maryland, College Park, USA</i>
10:00 - 10:25	Real-time Performance Evaluation of the Signal System Using Field Data <i>Prof. Ping Yi, University of Akron, USA</i>
10:25 - 10:50	A Strategy for Timing Oversaturated Intersections <i>Prof. Hongchao Liu, Texas Tech University, USA</i>
10:50 - 11:15	Discussion on the Development of Urban Traffic Control System Technology <i>Prof. Yongjin Zhao, Traffic Management Research Institute of the Ministry of Public Security, China</i>
11:15 - 11:40	Signal Control and Traffic Flow Detection <i>Mr. Fusheng zhang, Researcher, North China University of Technology, China</i>
13:40	Opening remarks
13:40 - 14:05	Development and Application of Microscopic Traffic Simulation Software <i>Prof. Jianping Wu, Tsinghua University, China</i>
14:05 - 14:30	A Physical Arterial Signal Simulation System Targeting Education and Research <i>Prof. Zong Tian, University of Nevada, Reno, USA</i>
14:30 - 14:55	Traffic Signal Control Basic Concepts and Design Specification <i>Prof. Keping Li, Tongji University, China</i>
14:55 - 15:20	The Prospects of Traffic Signal Control in Beijing <i>Mr. Yongqiang Fan, Senior Engineer/Section chief, Beijing Traffic Management Bureau, China</i>
15:20 - 15:45	Technology and Application of KeliVS Signal Control System <i>Dr. Zijun Liang, Anhui Keli Information Industry Co., Ltd., Deputy Chief Engineer, China</i>
15:45 - 16:10	Urban Traffic Integrated Simulation System for Signal Priority <i>Dr. Xiaojian Nie, Chief Engineer, DiDi, China</i>
16:10 - 16:35	Traffic Signal Control Performance Evaluation and Optimization Based on Multi-source Data <i>Associate Prof. Ruimin Li, Tsinghua University China</i>
16:35	Summary