

# July.6

<b>Plenary Session 1: Emerging Transportation Technologies and Service Forms</b> Chair: <i>Yu Zhang</i>		14:00 – 15:50 Yinxing Hall Xijiao Hotel 西郊宾馆银杏大厅
14:00 – 14:25	Personalized Transportation Demand Management based on Dynamic Incentives, Real-Time Models, and Artificial Intelligence <i>Lei Zhang</i>	
14:25 – 14:50	Emerging Research Issues in Ride-sourcing Markets <i>Hai Yang</i>	
14:50 – 15:15	<i>THU TBD</i>	
15:15 – 15:40	Economic Mechanisms for Cooperative Vehicle Platooning <i>Yafeng Yin</i>	

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<b>Plenary Session 2: Frontiers in Transportation Data Analysis and System Management</b>		08:00 – 09:50
Chair: <i>Zhen Qian</i>		Yinxing Hall Xijiao Hotel 西郊宾馆银杏大厅
08:00 – 08:25	Inferring Passenger Waiting Time from Taxi GPS Trajectories <i>Marco Nie</i>	
08:25 – 08:50	Developing Communication- and Connectivity-Driven Transportation Systems <i>David Noyce</i>	
08:50 – 09:15	Enhancing Transportation Research with Machine Learning <i>Yinghai Wang</i>	
09:15 – 09:40	Thinking about Resilience of our Transportation Systems in an Intelligent and Connected World <i>Elise Miller-Hooks</i>	

<b>Plenary Session 3: Transportation and Its Key Role in Economic and Social Issues</b>		10:10 – 12:00
Chair: <i>Xiaokun (Cara) Wang</i>		Yinxing Hall Xijiao Hotel 西郊宾馆银杏大厅
10:10 – 10:35	Freight Efficient Land Uses: Basic Concepts and Economic and Technological Trends <i>Jose Holguin-Veras</i>	
10:35 – 11:00	Solving large-scale one-commodity pickup and delivery problems and application to bike rebalancing <i>Yanfeng Ouyang</i>	
11:00 – 11:25	Syncretic value joint creation via trade-in for upgrade & reverse logistics <i>Jiuh-Biing Sheu</i>	
11:25 – 11:50	Optimal Policies For Greenhouse Gas Emission Minimization Under Multiple Agency Budget Constraints In Pavement Management <i>Samer Madanat</i>	

**Plenary Session 4: Traffic Safety in the New Era**Chair: *Yiping Wu*

14:00 – 15:50

Yinxing Hall

Xijiao Hotel

西郊宾馆银杏大厅

14:00 – 14:25	Why do we drive distracted even though we know it is dangerous? <i>Paul ATCHLEY</i>
14:25 – 14:50	Experimental Research on Pedestrian Walking Behavior Involving Individuals with Disabilities <i>Anthony Chen</i>
14:50 – 15:15	Safety in the Connected and Automated Vehicle Era: A U.S. Perspective on Research Needs <i>Asad Khattak</i>
15:15 – 15:40	Driver Distractions: Perception Survey and Driving Simulation Tests <i>Panos Prevedouros</i>

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**Plenary Session 5: Transportation System Planning and Operation: Retrospect and Prospect**Chair: *Shanjiang Zhu*

16:10 – 18:00

Yinxing Hall

Xijiao Hotel

西郊宾馆银杏大厅

16:10 – 16:35	How many cars are too many? Insights from MFD comparisons <i>Kay Axhausen</i>
16:35 – 17:00	The role of access and egress in passenger overall satisfaction with high speed rail <i>Jason Cao</i>
17:00 – 17:25	TSMO Implementation <i>Matt Neeley</i>
17:25 – 17:50	The Costs and Benefits of Road Diets: How much evaluation is needed? <i>Robert Noland</i>

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**Plenary Session 6: Emerging Trends in Transportat  
Research**Chair: *Guohui Zhang*

08:00 – 09:50

Yinxing Hall

Xijiao Hotel

西郊宾馆银杏大厅

08:00 – 08:25	Transportation big data: promises, issues, and implications <i>Jeff Ban</i>
08:25 – 08:50	Overview and Challenges of ITS Development in Hong Kong <i>William Lam</i>
08:50 – 09:15	Mixed Bus Fleet Scheduling Under Range Uncertainty <i>Hong. K. Lo</i>
09:15 – 09:40	Gas dynamic analogous exposure approach to interaction intensity in multiple-vehicle crash analysis: Case study of crashes involving taxis <i>Sze Chun Wong</i>