



Center for Urban Transportation Research's guide to the TRB 2017 Annual Meeting

Session Types: C = Committee L = Lectern, P = Poster, L/P = Lectern/Practice Ready Paper W = Workshop

Time	Name	Title	Session #	Type
Sunday, January 8				
1:30 am - 4:30 pm	Robert Bertini	What does Practice Ready Mean at TRB?	180	W
3:30 pm - 5:00 pm	Joel Volinski	Research, Education, and Training Reauthorization Coalition Meeting		C
7:15 pm - 8:30 pm	Seckin Ozkul, presiding	HCQS Multimedia Task Force, AHB40(4.2)		C
Monday, January 9				
8:00 am - 9:45 am	Dennis Hinebaugh, presiding	TRB Bus Rapid Transit Conference Planning Subcommittee, AP050(1)		C
8:00 am - 9:45 am	Robert Bertini	Exploiting New High-Resolution Transit Data Sources: Developing Improved Data-Driven Models of Transit Travel Time and Delay	249	P
8:00 am - 9:45 am	Sean Barbeau	Opening the Door to Multimodal Applications: Creation, Maintenance and Application of GTFS Data	259	P
8:00 am - 9:45 am	Seckin Ozkul, Kaustav Chaudhury, Donna Davis, Abdul Pinjari, Zhenyu Wang	Guidance in Logistics Investments Through Logistics Activity Center Development Potential Analysis	259	P
8:00 am - 9:45 am	Abdul Pinjari	Joint Mixed Spatial Model of Household Residential Choice, Vehicle Ownership, Commute Travel Mode Choice, and Children's School Travel Mode Choice	259	P
10:15 am - 12:00 pm	Robert Bertini, presiding	Car-following Models and Longitudinal Vehicle Control	321	L
10:15 am - 12:00 pm	Robert Bertini	Transportation Safety Management: Creating Safer Systems	328	P
10:15 am - 12:00 pm	Robert Bertini	Empirical Before and After Evaluation of a Variable Speed Limit System from a Safety Management Perspective	328	P
10:15 am - 12:00 pm	Dennis Hinebaugh, presiding	GIS in Transit Conference Planning Committee Meeting		C
10:15 am - 12:00 pm	Steven Polzin, presiding	National Statewide Transportation Data Requirements and Programs	555	P
1:30 pm - 3:15 pm	Robert Bertini	Exploring Reliability Metrics as Arterial Performance Thresholds Using High Resolution Bluetooth Travel Time Data	358	P
1:30 pm - 3:15 pm	Robert Bertini	Preparing Oregon for Connected-Vehicle Deployment: Connected-Vehicle Application Prioritization Process	387	P
1:30 pm - 3:15 pm	Nevine Georggi, Sean Barbeau, Ann Joslin	Concept of Operations for Deploying a Mobile Transit Fare Collection App	402	L
1:30 pm - 3:15 pm	Abdul Pinjari	Investigating Willingness to Pay for Autonomous Vehicles and Likelihood of Residential Relocation	366	L
1:30 pm - 5:30 pm	Steven Polzin, presiding	National Transportation Data Requirements and Programs Committee		C
3:45 pm - 5:30 pm	Xiaopeng Li	Continuum Approximation Method for Reliable Facility Location Design with Imperfect Information	426	L
3:45 pm - 5:30 pm	Amir Ghiasi, Xiaopeng Li	Train Routing and Timetabling Problem with Switchable Dispatching Policy	471	P
3:45 pm - 5:30 pm	Yu Zhang	Job Shop Scheduling Under the Combination of Four Different Buffering Conditions	471	P
5:30 pm - 7:30 pm	Robert Bertini, by invitation	Operations Section Executive Board		C
6:00 pm - 7:30 pm	Abdul Pinjari, presiding	Integrated Modeling (Subcommittee of ADB40, ADD30)		C
6:00 pm - 7:30 pm	Sisinnio Concas	Streetcar Subcommittee		L

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Tuesday, January 10				
8:00 – am – 9:45 am	Steven Polzin, presiding	Evolution of U.S. Department of Transportation Data Programs to Address Emerging Needs and Methods	497	L
8:00 am - 9:45 am	Robert Bertini	Spatial Analysis of Roadside Devices for Potential Vehicle-to-Infrastructure Adaptation: Oregon Case Study	527	P
8:00 am - 9:45 am	Makarand Gawade	Statewide Tourism Travel Demand Forecasting: Behavior-Based Modeling Framework for the State of Florida	510	P
8:00 am - 9:45 am	Jian Lu	Analysis of Factors Affecting Serious Multifatality Crashes in China Based on Bayesian Network Structure	537	P
8:00 am - 9:45 am	Seckin Ozkul	Dynamic Lane Grouping Analytical Methods for Signalized Intersections	531	P
8:00 am - 9:45 am	Kristine Williams	Access Management Outreach Subcommittee (AHB70(2))		C
8:00 am - 9:45 am	Jaehyun Park	Process Capability Index: Effective Strategy for Infrastructure Construction Inspection	522	L/P
10:15 am - 12:00 pm	Robert Bertini	Empirical Evaluation of Real-Time Traffic Information for In-Vehicle Navigation and Variable Speed Limit System	578	P
10:15 am - 12:00 pm	Rui Guo, Chunfu Xin, Pei-sung Lin, Achilleas Kourtellis	Mixed-Effects Logistic Model to Address Demographics and Neighborhood Environment on Pedestrian Injury Severity	590	P
10:15 am - 12:00 pm	Changhyun Kwon	Incorporating Demand Dynamics in Multiperiod Capacitated Recharging Location Planning for Electric Vehicles	564	P
10:15 am - 12:00 pm	Chanyoung Lee	Long-Term Impacts of the Universal Helmet Law Changes on Motorcyclist Fatal Crashes: Comparison Group and Empirical Bayes Approach	593	L
10:15 am - 12:00 pm	Abdul Pinjari	Microeconomic Theory-Based Latent Class Multiple Discrete-Continuous Choice Model of Time Use and Goods Consumption	559	L
10:15 am - 12:00 pm	Zhenyu Wang, Chunfu Xin, Chanyoung Lee, Pei-sung Lin	Modeling Random Effects of Horizontal Curve Design on Injury Severity of Single-Motorcycle Crashes Using Mixed-Effects Logistic Model	593	L
10:15 am - 12:00 pm	Zhenyu Wang, Chunfu Xin, Chanyoung Lee, Pei-sung Lin	Safety Effects of Horizontal Curve Design on Motorcycle Crash Frequency on Rural Two-Lane Undivided Highways in Florida	593	L
12:00 pm - 2:00 pm	Dennis Hinebaugh, presiding	Public Transportation Group Executive Board		C
1:30 pm - 3:15 pm	Chanyoung Lee, Behzad Karimi, Siwon Jang	Characteristics of Unlicensed Motorcyclists in Florida	660	L/P
1:30 pm - 3:15 pm	Kristine Williams	Evaluating Distributional Effects of Regional Transportation Plans and Projects	628	P
1:30 pm - 3:15 pm	Zhenyu Wang, Pei-sung Lin, Seckin Ozkul, Michael Bato	Safety Effects of Street Illuminance on Roadway Segments in Florida	658	L
3:45 pm – 5:30 pm	Jeffrey Kramer, Alexandria Carroll, Behzad Karimi	MPO Use of Performance-Based Planning and Programming and Scenario Planning	694	P
3:45 pm – 5:30 pm	Lisa Staes	How FTA's SMS Approach and its Research Investments are Shaping Transit Safety	747	L
3:45 pm – 5:30 pm	Chunfu Xin, Qing Lu	Optimization of Hard Modified Asphalt Formula for Gussasphalt Based on Uniform Experimental Design	717	P/P
6:00 pm - 7:30 pm	Dennis Hinebaugh, presiding	Rail and Public Transportation Caucus		C
Wednesday, January 11				
8:00 am – 9:45 am	Victoria Perk	Innovative Techniques for Evaluating Transit Service Quality and Customer Satisfaction	809	L/P
8:00 am – 9:45 am	Xiaopeng Li, Amir Ghiasi	Exact Method for A Simplified Trajectory Smoothing Problem with Connected Automated Vehicles	471	P

Time	Name	Title	Session #	Type
Wednesday, January 11				
8:00 am – 9:45 am	Amir Ghiasi, Xiaopeng Li	Speed Harmonization Algorithm Using Connected Autonomous Vehicles	798	P
8:00 am - 12:00 pm	Kristine Williams	Access Management Committee (AHB70)		C
10:15 am - 12:00 pm	Xiaopeng Li	Continuum Approximation Method for Reliable Facility Location Design with Imperfect Information	827	P
10:15 am - 12:00 pm	Xiaopeng Li	Designing an Optimal Autonomous Vehicle-Sharing and Reservation System: Linear Programming Approach	845	P
10:15 am - 12:00 pm	Abdul Pinjari	Vehicular Ad Hoc Network Simulations of Overtaking Maneuvers on Two-Lane Rural Highways	847	P
10:15 am - 12:00 pm	Steven Polzin	Data: What Difference Does It Really Make? (Panel Member)		C
10:15 am - 12:00 pm	Yu Zhang, presiding	Current Issues in Airfield and Airspace Capacity and Delay	859	L
2:30 pm - 4:00 pm	Steven Polzin	Linking the 2016 NHTS to Emerging Applications, Uses, and Policy Making	864	L
Thursday, January 12				
8:00 am - 12:00 pm	Qing Lu	Durable Open-Graded Friction Course for Asphalt Permeable Pavement	894	W