



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

Time	Name	Title	Session #	Type
Sunday, January 7				
9:00 am - 12:00 pm	Xiaopeng (Shaw) Li	Breakout Summary: Enhancing the Validity of Traffic Flow Models with Emerging Data	129	W
1:30 am - 4:30 pm	Lisa Staes, presiding	Achieving Safety and Security in Today's Resource-Constrained Environment	184	W
Monday, January 8				
8:00 am - 9:15 am	Xiaopeng (Shaw) Li, Amir Ghiasi	An Integrated Micro-Macro Approach for High-Speed Railway Energy-Efficient Timetabling Problem	232	L
8:00 am - 9:15 am	Seckin Ozkul, Donna Davis, Ritaban Sengupta	Land Use and Transportation Corridor Analysis to Guide Infrastructure and Logistics Activity Center (LAC) Investments	254	L
8:00 am - 9:15 am	Abdul Pinjari, Trang Luong	Comprehensive Exploratory Analysis of Truck Route Choice Diversity in Florida	256	P
10:15 am - 12:00 pm	Sean Barbeau	Closing the Loop - Improving Multimodal Transportation Through Crowdsourced Information	308	P
10:15 am - 12:00 pm	Xiaopeng (Shaw) Li, Yu Wang	Analytical Measures of Traffic Oscillation under Linear Stochastic Car following Laws	283	L/P
10:15 am - 12:00 pm	Bernadette Fausto	Newer Model Years are Associated with Reduced Risk of Motor Vehicle Crash Fatalities Among Older Drivers	288	L
10:15 am - 12:00 pm	Shu Yang	A Functional Data Analysis Based Approach For Freeway Volume Data Imputation	306	P
10:15 am - 12:00 pm	Mustafa Hajij	A Bi-Level Methodology for Identification of Types of Secondary Tasks from Observed Driving Behavior Data: Application of Ensemble Tree Machine Learning Algorithms on SHRP2 NDS Data	307	P
12:00 pm - 1:30 pm	Robert Bertini, presiding	Operations Section Executive Board		C
1:30 pm - 3:15 pm	Robert Bertini, presiding	Intelligent Transportation Systems: State of the Industry 2018	354	L
1:30 pm - 3:15 pm	Victoria Perk, presiding	Influence of Transit Quality of Service on Mode Choice	364	L
1:30 pm - 3:15 pm	Cong Chen, Pei-Sung Lin	Traffic Incident Duration Prediction Based on a Dual-Learning Bayesian Network Model	385	P
1:30 pm - 3:15 pm	Liu Su, Changhyun Kwon	A Spectral Risk Measure in Hazardous Materials Transportation	340	L
1:30 pm - 3:15 pm	Shu Yang	Systematic Clustering Approach to Identifying and Characterizing Spatiotemporal Congestion on Freeway Corridors	385	L
3:45 pm - 5:30 pm	Stephanie DiPetrillo, Andrea Lubin, Anastasia Loukaitou-Sideris, Carla Salehian, Stephen Gibson, Kristine Williams, Trent Green	Improving Pathways to Fixed-Route Transit: Transit Agency Practices to Expand Access for All Users	400	L/P
3:45 pm - 5:30 pm	Zhenyu Wang, Chunfu Xin, Pei-Sung Lin	Exploring the Impacts of Street Illuminance on Nighttime Crash Severity in Roadway Segments Using a Random Parameter Ordered Probit Model	429	L
3:45 pm - 5:30 pm	Sisinnio Concas	Assessing the Impact of Roadway Rehabilitation on Small Businesses	444	P
3:45 pm - 5:30 pm	Yu Zhang	Delay Causality Network in Air Transport System	459	P
Tuesday, January 9				
8:00 am - 9:45 am	Robert Bertini	Quantifying the Impact of Designated Truck Lane on Vehicular Emissions	513	P
8:00 am - 9:45 am	Robert Bertini	Implementations of Variable Speed Limit Systems: A Worldwide Overview	520	L
10:15 am - 12:00 pm	Pei-Sung Lin, Cong Chen, Achilleas Kourtellis, Zhenyu Wang, Zhao Zhang	Investigating Driver Compliance with Pedestrian Features at Signalized Intersections: SHRP2 Naturalistic Driving Study Data Analysis	552	L
10:15 am - 12:00 pm	Zhenyu Wang, Chunfu Xin, Chanyoung Lee, Pei-Sung Lin	A Matched Case-Control Study on Single-Motorcycle Crashes on Rural, Two-Lane, Undivided Horizontal Curves in Florida	554	L
10:15 am - 12:00 pm	Chanyoung Lee, Behzad Karimi, Siwon Jang, Victoria Salow	Understanding Emerging Motorcyclist Segments in Crashes Using Florida Crash Data and Statewide Survey	554	L
10:15 am - 12:00 pm	Jodi Godfrey, Lisa Staes, Jennifer Flynn, Roberta Yegidis	Successful Practices and Training Initiatives to Reduce Bus Accidents and Incidents at Transit Agencies – an Abridged Version of TCRP Synthesis 126	556	P/PRP
10:15 am - 12:00 pm	Mouyid Islam	Freeway Safety Evaluation: A Quantitative Approach Using Highway Safety Manual to Informed Decisions	575	P/PRP
12:00 pm - 2:00 pm	Dennis Hinebaugh, presiding	Public Transportation Group Executive Board		C
1:30 pm - 3:15 pm	Sisinnio Concas	Economic Development and Growth of Streetcar Investments		C
1:30 pm - 3:15 pm	Sisinnio Concas	Streetcar Investments and Economic Development: Evidence from Five U.S. Systems	599	L
1:30 pm - 3:15 pm	Sean Barbeau	Quality Control - Lessons Learned from the Deployment and Evaluation of GTFS Real-time Feeds	649	P
1:30 pm - 3:15 pm	Sara Hendricks	Method for Linking Greenways and Trails with Public Transportation	655	P
2:00 pm - 5:30 pm	Lisa Staes, Chair - presiding	TRB Task Force on Transit Safety and Security (AP018T)		C
3:45 pm - 5:30 pm	Steve Polzin, Jodi Godfrey, Richard Driscoll, Kurt Lehmann	The Effect of Demographic Changes on Transit Ridership Trends	697	P
3:45 pm - 5:30 pm	Pei-Sung Lin, Achilleas Kourtellis, Zhenyu Wang, Cong Chen	Understanding Interactions Between Drivers and Pedestrian Features at Signalized Intersections Using NDS and RID and Databases	706	L
6:00 pm - 7:30 pm	Dennis Hinebaugh, presiding	Rail and Public Transportation Caucus (sponsored by BNSF)		C
7:00 pm - 8:30 pm	Dennis Hinebaugh, presiding	A Tribute to Herbert Levinson		C
Wednesday, January 10				
8:00 am - 9:45 am	Dennis Hinebaugh	TRB Bus Rapid Transit Conference Planning Subcommittee, AP050(1)		C
8:00 am - 9:45 am	Sisinnio Concas	Assessing Impacts of Streetcars on Accessibility	787	P/PRP
10:15 am - 12:00 pm	Sisinnio Concas, Achilleas Kourtellis, Steve Reich	Planning the Performance Evaluation and Assessment of the Tampa CV Pilot Deployment – Opportunities and Challenges	831	P
10:15 am - 12:00 pm	Cong Chen	Revisiting Hit-and-Run Crashes: A Geo-Spatial Modeling Method	834	P
10:15 am - 12:00 pm	Cong Chen	An Empirical Assessment and Investigation of the Driver Injury Severities in Rain-Related Rural Single-Vehicle Crashes Using Mixed and Latent-Class Logit Models	834	P
10:15 am - 12:00 pm	Cong Chen	A Finite Mixture Random Parameters Model for Exploring the Risk Factors on Driver Injury Severity of Low Visibility Related Crashes	834	P
10:15 am - 12:00 pm	Cong Chen	Examining Driver Injury Severity in Single-Vehicle Crashes: A Two-Step Study Using Cluster Analysis and Mixed Logit Model	834	P
2:30 pm - 5:30 pm	Steve Polzin	TRB Policy Session: Public Transportation Executive Committee		C