Sunday, January 12, 2020

P20-21120 Modeling Different Sources of Variability in Human Factors Experiments
Workshop
1:30 PM-4:30 PM
Convention Center, 102A
Birsen Donmez, Braden Hansma.

Emerging Mobility Services for the Transportation Disadvantaged: New Pilot Programs and Assessment of Social Benefit
Workshop
1:30 PM-4:30 PM
Convention Center, 145A
Steven Farber.

Monday, January 13, 2020

L-1102 New Ways of Thinking About Decision Making in Travel Demand Modeling
Lecturn Session
8:00 AM-9:45 AM
Convention Center, 146B
Khandker Nurul Habib (discussant), Eric Miller (discussant).

20-03672 An Empirical Performance Analysis of Bus Speed and Delay at Intersections for Emerging Spot Improvement Programs
Lecturn Session
8:00 AM-9:45 AM
Convention Center, 149
Graham Devitt, Mahmood Mahmoodi Nesheli, Ehab Diab, Amer Shalaby.
20-01053 Express Package Delivery Optimization Using Walkers, Cargo Bicycles and Delivery Trucks
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster B304
Patrick Meredith-Karam, Jia Jiang, Sina Bahrami, Matthew Roorda.

20-00898 Looking through the Perceptions of Blinds
Lecture Session
8:00 AM-9:45 AM
Convention Center, 145A
Sina Azizisoldouz, Md Sami Hasnine, Mahadeo Sukhai, Khandker Nurul Habib.

20-00446 Will Connected Autonomous Vehicles be able to Communicate with Visually Impaired
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location-A151
Sina Azizisoldouz, Md Sami Hasnine, Mahadeo Sukhai, Khandker Nurul Habib.

20-00921 Exploring the Ridership Impacts of Ride-hailing on Multimodal Public Transit
Poster Session
10:15 AM-12:00 PM
Convention Center, Hall A, Poster location-B312
Wenting Li, Amer Shalaby, Khandker Nurul Habib.

20-00091 Measuring When Uber Behaves as a Substitute or Complement to Transit: An Examination of Travel-time Differences in Toronto
Poster Session
10:15 AM-12:00 PM
Convention Center, Hall A, Poster B303
Mischa Young, Jeff Allen, Steven Farber.
20-04000 Improving Transfer Time Optimization Modelling for Public Transit Systems
Poster Session
10:15 AM-12:00 PM
Convention Center, Hall A, Poster location B322
Zahra Ansarilari, Mahmood Mahmoodi Nesheli, Merve Bodur, Amer Shalaby, Siva Srikukenthiran.

P20-20919 A Prospectus for Improved Long-Distance Travel Demand Models
Committee Meeting
12:15 PM-1:15 PM
Mariott Marquis, Liberty Salon J (M4)
Eric Miller

20-00280 Travel Distance and Land Use
Poster Session
1:30 PM-3:15 PM
Convention Center, Hall A, Poster location-B357
Jason Hawkins, Khandker Nurul Habib.

20-00460 An Inductive Experimental Approach to Developing a Web-based Travel Survey
Poster Session
1:30 PM-3:15 PM
Convention Center, Hall A, Poster location-B379
Brittany Chung, Siva Srikukenthiran, Eric Miller, Khandker Nurul Habib.

20-00687 Transportation Demand Management (TDM) and Social Justice
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 150B
Md Sami Hasnine, Khandker Nurul Habib.
20-02230 Inferring the Purposes of Using Ride-Hailing Services through Data Fusion
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 156
Sanjana Hossain, Khandker Nurul Habib.

20-00882 The Symbiosis between Subway Disruption and a Surge in Ride-Hailing Trips
Lecturn Session
3:45 PM-5:30 PM
Convention Center, 144B
Jason Hawkins, Khandker Nurul Habib.

20-00724 A Choice Model-based Analysis of Accessibility by Transit in Toronto
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location-A155
Patrick Loa, Khandker Nurul Habib.

20-00724 On the Role of Land-Use and Transit Network Attributes Influencing Ride Hailing
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location-A156
Patrick Loa, Sanjana Hossain, Khandker Nurul Habib.

20-01157 Effects of Built Environment and Weather on Demands for TNC
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location-A145
Md Sami Hasnine, Jason Hawkins, Khandker Nurul Habib.
20-00105 Is Uber Poaching Taxi Customers? – A Study of User Profiles
Lecturn Session
3:45 PM-5:30 PM
Convention Center, 146B
Gozde Ozonder, Eric Miller.

Tuesday, January 14, 2020

20-01802 Data-Driven Approach to Capture the Association Between Local Truck Movements and Near-Road Black Carbon Concentrations Using Mobile Measurements
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location A228
Junshi Xu, An Wang, Ran Tu, Marc Saleh, Nicole Schmidt, Marianne Hatzopoulou.

20-02010 Multi-Objective Eco-Routing in a Distributed Traffic Management Framework with a Case Study of Downtown Toronto
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location A229
Shadi Djavadian, Lama Alfaseeh, Ran Tu, Bilal Farooq, Marianne Hatzopoulou.

20-00729 A Study on the Effect of the Type of Performance Indicator on Pavement Performance Models Developed Using Machine Learning: The Case of Pavement Condition Index and International Roughness Index
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location B331
Madeh Piryonesi, Tamer El-Diraby.

20-01365 Urban Rail Service Design for Collaborative Passenger and Freight Transport
Lecturn Session
10:15 AM-12:00 PM
Convention Center, 144A
Zhujun Li, Amer Shalaby, Matthew Roorda, Baohua Mao.
20-00740 Electric Vehicle Charging Optimization to Minimize Marginal Greenhouse Gas Emissions
Poster Session
10:15 AM-12:00 PM
Convention Center, Hall A, Poster location A128
Ran Tu, Yijun Gai, Bilal Farooq, Marianne Hatzopoulou.

20-00078 Lessons from a Large-Scale Experiment on the Use of Smartphone Apps
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 152B
Ahmadreza Faghih Imani, Chris Harding, Siva Srikukenthiran, Eric Miller, Khandker Nurul Habib.

20-00202 Assessing Smartphone Apps as Full-Fledged Tools for Activity
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 152B
Ahmadreza Faghih Imani, Chris Harding, Siva Srikukenthiran, Eric Miller, Khandker Nurul Habib.

L-1518 Travel Modeling for New Applications
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 145A
Khandker Nurul Habib (discussant).

20-04214 Driver Take-over Performance and Monitoring Behaviour with Driving Automation at System-Limit versus System-Malfunction Failures
Lecturn Session
1:30 PM-3:15 PM
Convention Center, 103B
Chelsea DeGuzman, Samantha Hopkins, Birsen Donmez.
20-00677 Capacity-Constrained Bus Bridging Optimization Framework
Poster Session
1:30 PM-3:15 PM
Convention Center, Hall A, Poster location A196
Alaa Itani, Siva Srikukenthiran, Amer Shalaby.

20-00391 Who Are the Potential Users of Shared E-Scooters? An Examination of Socio-demographic, Attitudinal and Environmental Factors
Poster Session
1:30 PM-3:15 PM
Convention Center, Hall A, Poster location A193
Raktim Mitra, Paul Hess.

20-00470 Dual-Objective Transit Signal Priority for Improving Speed and Reliability of High-Frequency Lines: A Deep Reinforcement Learning Approach
Poster Session
1:30 PM-3:15 PM
Convention Center, Hall A, Poster location A206
Wen Xun Hu, Amer Shalaby, Baher Abdulhai.

20-02452 Evaluating Walkable Streets with a 3D Stated Preference Survey
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location-A189
Dena Kasraian, Sneha Adhikari, David Kossowsky, Michael Luubert, Brent Hall, Jason Hawkins, Khandker Nurul Habib, Jeremy Bowes, Sara Diamond, Paul Hess, Judy Farvolden, Matthew Roorda.

20-03653 Existing Problems of Transit Signal Priority on Streetcar Routes
Lecturn Session
3:45 PM-5:30 PM
Convention Center, 147B
Ivan Kwong, Mehdi Nourinejad, Amer Shalaby.
20-04604 Whose Buses Run on Time? The Social Equity of Bus On-time Performance in Canada’s Largest City
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location A124
Matthew Palm, Amer Shalaby, Steven Farber.

20-02057 Spatial Access by Public Transport and Likelihood of Healthcare Consultations at Hospitals
Poster Session
3:45 PM-5:30 PM
Convention Center, Hall A, Poster location A189
Boer Cui, Geneviève Boisjoly, Rania Wasfi, Heather Orpana, Kevin Manaugh, Ron Buliung, Yan Kestens, Ahmed El-Geneidy.

20-01241 The Role of Public Transit in School Choice and After-School Activity Participation: A Study of Toronto Area High School Students
Poster Session
6:00 PM-7:30 PM
Convention Center, Hall A, Poster location A142
Matthew Palm, Steven Farber.

Wednesday, January 15, 2020

20-00218 A Joint Model of Place of Residence and Place of Work
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location-A132
Hengyang Zhang, Jason Hawkins, Khandker Nurul Habib.

20-00220 Heterogeneity in Marginal Cost of Urban Mobility
Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location-A133
Jason Hawkins, Khandker Nurul Habib.
A Joint SP-Pivoted-off-RP Survey to Understand the Impacts and Utilization of Ride-Hailing Services and the Determinants of Travel Mode Choice in the City of Toronto

Committee Meeting
8:00 AM-9:45 AM
Mariott Marquis, Chinatown (M3)
Patrick Loa, Jason Hawkins, Khandker Nurul Habib.

20-00914 Office Commuting Patterns in the Greater Toronto Area: The Importance of Automobile Mode Share in Understanding the Full Impact of Urban Form on Vehicle Kilometers Travelled

Lecture Session
8:00 AM-9:45 AM
Convention Center, 140B
Yang Xi, Jeff Allen, Steven Farber, Eric Miller, Robert Keel.

20-00198 An Agent-based Simulation Model for Evaluation of Parking Policies in the Era of Autonomous Vehicles

Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location B540
Sina Bahrami, Matthew Roorda.

20-01364 The Rise and Fall of Transit Ridership across Canada: Understanding the Determinants

Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location B392
Ehab Diab, Dena Kasraian, Eric Miller, Amer Shalaby.

20-02942 Transit Demand Determinants: An Empirical Analysis of Long-run Elasticities and Asymmetric Effects

Poster Session
8:00 AM-9:45 AM
Convention Center, Hall A, Poster location B392
Lisa Li
Dena Kasraian, Amer Shalaby.
20-01031 A Machine Learning Approach for Predicting Near-Road Ultrafine Particle Concentrations Using Local Traffic Characteristics
Lecture Session
10:15 AM-12:00 PM
Convention Center, 140A
Junshi Xu, An Wang, Nicole Schmidt, Matthew Adams, Marianne Hatzopoulou.

20-00619 Planning Transport for Social Inclusion: An Accessibility-Activity Participation Approach
Lecture Session
10:15 AM-12:00 PM
Convention Center, 140B
Jeff Allen, Steven Farber.

20-00338 Investigation of Relationship Between Pavement Condition Index and International Roughness Index of Asphalt Roads Based on the Long-Term Pavement Performance Data
Poster Session
10:15 AM-12:00 PM
Convention Center, Hall A, Poster location B350
Madeh Piryonesi, Tamer El-Diraby.

20-05451 The Role of Habits in Cell Phone-Related Driver Distractions
Lecture Session
2:30 PM-4:00 PM
Convention Center, 102B

20-00112 A Prototype Model of Ridehailing Service Provision
Poster Session
2:30 PM-4:00 PM
Convention Center, Hall A, Poster location A100
Francisco Calderon, Eric Miller.
Thursday, January 16, 2020

P20-20177 Near-Road Air Quality: Lessons from Outside the US
Workshop
8:00 AM-12:00 PM
Convention Center, 204B
Marianne Hatzopoulou.