RSG AT THE
7TH ANNUAL CONFERENCE ON
INNOVATIONS IN TRAVEL MODELING

SUNDAY, JUNE 24

1:30PM-3PM

Risky Business (Travel Forecasting – Not the Movie)
RSG Panel Member/Presenter: Mark Bradley

3:30PM-5PM

An Approach to Better Understanding Forecasting Risk – Exploratory Modeling and Analysis Workshop
RSG Panel Member/Presenter: Ben Stabler

MONDAY, JUNE 25

10:30AM-12PM

Portland, Oregon Behavior-based Freight and Commercial Vehicle Model
RSG Author/Presenter: Colin Smith

Behavioral Freight Model for the United States
RSG Authors/Presenters: Maren Outwater, Colin Smith, Kaveh Shabani, Erica Wygonik

Using an Activity-Based Model with Dynamic Traffic Simulation to Explore Scenarios for Private and Shared Autonomous Vehicle Use in Jacksonville
RSG Authors/Presenters: Mark Bradley, Ben Stabler

Modeling Connected and Automated Vehicles in a Four-Step Travel Demand Model for the Chittenden County Region
RSG Authors/Presenters: Benjamin Swanson, Vincent Bernardin, Sumit Bindra

A Framework for Modeling Connected and Autonomous Vehicles in the New Michigan Statewide Model
RSG Authors/Presenters: Vincent Bernardin, Stephen Tuttle, Steven Trevino

Piloting a Contribution Review Process for the VisionEval Strategic Planning Modeling Framework
RSG Author/Presenter: Ben Stabler

3:30PM-5PM

Interactive Plenary Session: Understanding, Modeling, and Steering Mobility Futures
RSG Moderator: Maren Outwater

TUESDAY, JUNE 26

8:30AM-10AM

Overview of Methods for Validation and Expansion of Passively Collected Origin-Destination Data
RSG Author/Presenter: Vincent Bernardin, RSG

Understanding Regional Travel Patterns with Big Data
RSG Authors/Presenters: Hadi Sadrsadat, Vincent Bernardin

1:30PM-3PM

Lightning Talk Session: Modeling Potpourri
RSG Moderator: Vincent Bernardin

Tolls and Trolls: Analyzing Sentiments from 17 Years of Toll Road Survey Comments
RSG Authors/Presenters: Rachel Schmidt, Tristan Cherry

The Battle of the Methods – Machine/Deep Learning vs. Econometric/Statistical Modeling
RSG Moderator: Mark Bradley

WEDNESDAY, JUNE 27

8:30AM-10AM

Use of Big Data to Calibrate and Validate Travel to Special Travel Destinations
RSG Authors/Presenters: Joel Freedman, Nagendra Dhakar

Insights from Big and Small Data: Which Trips and Travelers are Captured by Location-Based Services Data?
RSG Authors/Presenters: Leah Flake, Vince Bernardin, Elizabeth Greene, Jeffrey Dumont

Incorporating Big Data in an Activity-Based Travel Model: The Chattanooga Case Study
RSG Authors/Presenters: Jason Chen, Vince Bernardin

External System for the MCCOG Regional Model
RSG Authors/Presenters: Stephen Tuttle, Vincent Bernardin

Development of an Agile, Data-Driven, Hybrid Trip-Based Model Framework
RSG Authors/Presenters: Steven Trevino, Vincent Bernardin

A Discrete Choice Model of Change in Departure Time in Response to the BART Perks Social-Media-Based Incentive Program
RSG Author/Presenter: Mark Bradley

Incorporating Long-Distance, Visitor, and Summer Travel into the New Michigan Statewide Model
RSG Authors/Presenters: Stephen Tuttle, Vincent Bernardin

10:30AM-12PM

Analyzing TNC Usage in San Diego Using Data from a Smartphone-Based Household Travel Survey
RSG Authors/Presenters: Mark Bradley, Christopher Coy