

**Innovations in Transport Modeling 2008 Preliminary Conference Program**

**Sunday, June 22, 2008**

8:00

8:30

9:00

9:30

10:00

10:30 **State of the Practice Workshop** (*Moderator: Dick Walker*)  
This session provides a brief look at *Special Report 288: Metropolitan Travel Forecasting-Current Practice and Future Direction*. Discussion will focus on the next steps that should be taken with regard to the recommendations of the report.

11:00

11:30

12:00

12:30

1:00 **Tutorial on Activity-Based Models** (*Moderator: Maren Outwater*)  
Why should agencies make the change? What are the benefits of activity models?  
(Erik Sabina & Chuck Purvis)  
How do MPOs/DOTs make the transition from four-step models to activity models?  
(Dick Walker & Guy Rousseau)  
2:00 What do the comparisons of four-step and activity models tell us? (Gordon Gerry & Billy Charlton)  
2:30

1:30

2:00

2:30

3:00

Break

3:30 **Tutorial on Climate Change and Travel Modeling** (*Moderator: Joan Walker*)  
Details available shortly...

4:00

4:30

5:00

5:30

6:00 Wine+cheese social at art gallery

6:30

7:00

7:30 Dinner with colleagues

## Innovations in Transport Modeling 2008 Preliminary Conference Program

Monday, June 23, 2008

|       |  |   |
|-------|--|---|
| 8:00  | <b>Plenary Session</b><br>Opening (Joan Walker)  |   |
| 8:30  | Welcome (Rob Bertini)  |   |
| 9:00  | Keynote Addresses (Keith Lawton and Jose Luis Moscovich)   |   |
| 9:30  | Break  |   |
| 10:00 | <b>Session 1: Communicating Forecasts 1</b> (Moderator: Susan Handy)<br>Communicating simulation results (David Roden)                     | <b>Session 2: Pricing &amp; Policy 1</b> (Moderator: Bruce Spear)<br>Travel demand modeling needs for road pricing: Challenges and opportunities (Tom Rossi & Jeff Buxbaum) |
| 10:30 | Communicating a complex model and forecasts to the public: Summarizing the California Statewide Model for High Speed Rail (Elizabeth Sall) | Modeling Manhattan area congestion pricing within the framework of an activity-based model (Robert Donnelly)  |
| 11:00 | The expression of travel model information: Gauging presentations and exhibits to audiences (Christopher Primus)                           | Enhancement and application of an activity-based travel model for congestion pricing (Greg Erhardt)   |
| 11:30 | Communicating forecasts in the transit New Starts process (Ken Cervenka)   |   |
| 12:00 | Lunch  |   |
| 12:30 |  |   |
| 1:00  | <b>Session 3: Activity-Based Models 1</b> (Moderator: Joel Freedman)<br><i>The mobiTopp Model</i>  | <b>Session 4: Policy and Pricing 2</b> (Moderator: Julie Dunbar)<br>Panel discussion on forecasting toll revenues for highway investment decisions<br>Panelists include:    |
| 1:30  | Model structure (Dirk Zumkeller)<br>New longitudinal model (D. Kuhnnumhof)   | Cherian George, Senior Director, Fitch Ratings  |
| 2:00  | <i>The MATSIM-T model</i><br>Switzerland in a box: An agent-based model of travel demand and traffic flow (Kay Axhausen)                   | Mark Muriello, Assistant Director of Tunnels, Bridges & Terminals, PANYNJ   |
| 2:30  | Model applications (Roman Oberli)  | Lisa Fenner, Public Sector and Infrastructure Banking, Goldman, Sachs & Co.<br>Winnie Shi, Global Infrastructure and Projects Group, KPMG Corporate Finance LLC             |
| 3:00  | Break  |   |
| 3:30  | <b>Session 5: Activity-Based Models 2</b> (Moderator: Chandra Bhat)<br><i>The CEMDAP-VISTA model</i>                                       | <b>Session 6: Linking Dynamic Network &amp; Travel Models</b> (Moderator: Jen Duthie)<br>Dynamic traffic assignment techniques: An overview (Hani Mahmassani)               |
| 4:00  | Model structure (Chandra Bhat & Travis Waller)<br>Model application (Arash Mirzaei)  | Linking demand from a regional travel demand forecasting model to a new DTA model: The Montreal experience (Pascal Volet & Shane Velan)                                     |
| 4:30  | <i>The ALBATROSS model</i><br>Model structure (Harry Timmermans, Theo Arentze)   | Modeling and simulation of a morning reaction to an evening toll (Marcel Rieser)  |
| 5:00  | Model application (TBA)  | DynaSmart/DynusT applications in the Twin Cities, Minnesota area (Steve Wilson & Yi-Chang Chiu)   |
| 5:30  |  |   |
| 6:00  | Pub Crawl with Joel Freedman et al., or dinner with colleagues   |   |

## Innovations in Transport Modeling 2008 Preliminary Conference Program

Tuesday, June 24, 2008

|       |  |  |
|-------|--|--|
| 8:00  | <b>Session 7: Linking Dynamic Network &amp; Travel Models 2</b> ( <i>Moderator: Elizabeth Sall</i> )<br>Dynamic choices in coordinated household activity-travel systems (John Gliebe) | <b>Session 8: Communicating Forecasts 2</b> ( <i>Moderator: Keith Killough</i> )<br>Gone in sixty seconds: Thought piece on communicating travel demand modeling to survey respondents (Stacey Bricka) |
| 8:30  | Integrating an activity model with a microsimulator: The TRANSIMS application to Portland (Hayssam Sbayti)   | Guiding scenario exploration in the PECAS model output interface: Summary of research in progress (Catherine Emond)  |
| 9:00  | Linking activity-based travel demand models and traffic assignment: A Flemish case study (Tom Bellemans)   | Disseminating forecasts using Wiki software (Christopher Puchalsky)  |
| 9:30  | The future of dynamic traffic assignment: Requirements, challenges, and opportunities (Travis Waller)  | Communicating forecast uncertainties and their implications (Kara Kockelman & Jason Lemp)  |
| 10:00 | Break  |  |
| 10:30 | <b>Session 9: Activity-Based Models 3</b> ( <i>Moderator: Karen Faussett</i> )<br>The TASHA model (Eric Miller & Matt Roorda)  | <b>Session 10: Policy &amp; Pricing 3</b> ( <i>Moderator: John Gliebe</i> )<br>Modeling response to congestion pricing in Tel Aviv: A tour-based approach (Yoram Shiftan)                              |
| 11:00 | The PCATS/DBNET model (Ram Pendyala & Ike Ubaka)   | Towards a post-processor-based HOT land mode shift model (Laura McWethy & Jay Evans)   |
| 11:30 | The full day activity pattern approach (John Bowman)   | Traffic Choices Study: Measuring response to a network of time-of-day tolls in the Central Puget Sound Region (Matthew Kitchen)  |
| 12:00 |  |  |
| 12:30 |  |  |