

## AGENDA

### Emerging Methods Subcommittee Meeting (ADB40(1))

Subcommittee to the Committee on Transportation Demand Forecasting (ADB40)

#### “Fostering Innovations on Emerging Methods”

**Wednesday, January 17<sup>th</sup>, 2008, 7:00 – 8:00 AM at the Hilton**

Laurie Garrow and Joan Walker, presiding

1. Welcome and Introductions
2. Initiatives from the 2007 Meeting
  - Social Networks and Transportation<sup>1</sup>  
*with ADB10 and ABJ80*
  - Integrating Demand and Supply Travel Models (TRB workshop & WCTR panel session)  
*with ADB10(2) and ABB30*
3. Open Discussion of Emerging Methodological Developments  
(See attached history of CFPs)
4. Discussion of Initiatives for 2008
  - TRB 2009 (Workshops/Calls for Papers/Review Process)
  - Collaboration with Other TRB Committees/Subcommittees
  - Activities beyond TRB?
5. Conference Reports / News / Other Business
6. Adjourn

Contact Laurie Garrow ([laurie.garrow@ce.gatech.edu](mailto:laurie.garrow@ce.gatech.edu)) or Joan Walker ([joanw@bu.edu](mailto:joanw@bu.edu)) or if you would like to add something to the agenda.

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<sup>1</sup> Special thanks to Jessica Guo and Antonio Paez for their assistance in organizing the CFP.

## History of Calls for Papers & Workshops from ADB40(1)

- 2008 Social Networks and Transportation  
*with ADJ60*
- 2007 Integrating Land Use and Transportation Models  
*with ADB10(2) and ADB30*
- Advances in Statistical Methods for Activity-Travel Behavior  
*with ADB10 and ABJ80*
- Workshop: Integrating Demand and Supply Travel Models*  
*with ADB10(2) and ADB30*
- 2006 Evaluation of User Benefits for Project Analysis
- 2005 Intra-Household Interaction and Group Decision-Making  
Non-Conventional Models and Estimation Techniques  
*Workshop: Innovative Travel Models: Proof of Concept*
- 2004 Choice Set Construction  
Dynamics and Models of Decision-Making in a Temporal Context  
*Workshop: Microsimulation*
- 2003 Discrete Choice Model Formulations: Interrelationships, Applicability,  
and Issues  
Dynamic Models and Processes in Activity-Based Analysis  
Microsimulation Models and Methods for Activity-Based Forecasting  
and Planning Applications
- 2002 Applications of Mixed Logit Models in Activity-Travel Demand Analysis  
Spatial Analysis Methods in Urban Activity and Travel Demand  
Modeling
- 2001 Uncertainty Analysis  
Spatial Analysis in Travel Demand Modeling  
Allocation of Activities within Individuals in Households  
Practical Implications of Activity-Based Modeling
- 2000 Application of Microsimulation Techniques in Activity-Travel Pattern  
Analysis  
Modeling Time-Space Interactions in Individual Activity-Travel Patterns

## **ADB40(1) TRB 2008 Activities**

### **Session 320: Social Networks and Transportation**

**Monday, January 14, 2008, 1:30 PM – 3:15 PM, Hilton**

Jessica Y. Guo, University of Wisconsin, Madison, presiding

#### **My Space or Your Space? Toward a Measure of Joint Accessibility ([08-0592](#))**

Tijs Neutens, University of Ghent, Belgium; Tim Schwanen, Utrecht University, Netherlands; Frank Witlox, Ghent University, Belgium; Philippe De Maeyer, University of Ghent, Belgium

#### **Automobility and Social Activity Participation: Preliminary Analysis Using Data from U.S. City ([08-0931](#))**

Steven Farber, McMaster University, Canada; Antonio Paez, McMaster University, Canada

#### **Social Context of Activity Scheduling: Discrete-Continuous Model of Relationship Between "With Whom" and Episode Start Time and Duration ([08-0162](#))**

Khandker M. Nurul Habib, University of Toronto, Canada; Juan Antonio Carrasco, Universidad de Concepcion, Chile; Eric J. Miller, University of Toronto, Canada

#### **How Far and with Whom Do People Socialize? Empirical Evidence About Distance Between Social Network Members ([08-1351](#))**

Juan Antonio Carrasco, Universidad de Concepcion, Chile; Eric J. Miller, University of Toronto, Canada; Barry Wellman, University of Toronto, Canada

### **Session 222: Be Discrete: Advances in Discrete Choice Modeling**

**Monday, January 14, 2008, 8:00 AM – 9:45 AM, Hilton**

Laurie Garrow, presiding

#### **Construction of Experimental Designs for Mixed Logit Models Allowing for Correlation Across Choice Observations ([08-2839](#))**

Michiel C.J. Bliemer, Delft University of Technology, The Netherlands; John Matthew Rose, University of Sydney, Australia

#### **Destination Choice Model Incorporating Choice Set Formation ([08-2690](#))**

Jie Zheng, University of Wisconsin, Madison; Jessica Y. Guo, University of Wisconsin, Madison

#### **Characterizing Heterogeneity in Attitudes to Risk in Expected Utility Models of Mode and Departure Time Choice ([08-2943](#))**

John W. Polak, Imperial College London, United Kingdom; Stephane Hess, Imperial College London, United Kingdom; Xiang Liu, Imperial College London, United Kingdom

#### **Comparison of Regret Minimization and Utility Maximization in the Context of Travel Mode Choices ([08-1179](#))**

Caspar Chorus, Eindhoven University of Technology, Netherlands; Theo Arentze, Eindhoven University of Technology, Netherlands; Harry J.P. Timmermans, Eindhoven University of Technology, Netherlands