Welcome to Portland

ACKNOWLEDGEMENTS

TRB: Kimberly Fisher
TRB ADB00 – Travel Analysis Methods Section
Chuck Purvis, Chair
Innovations in Transport Modeling Conference Subcommittee
Co-chairs: Joan Walker, Rick Donnelly

Host Agencies:
Oregon Department of Transportation
Portland Metro
Portland State University

EVENING ACTIVITIES

Sunday evening reception
6 – 7:30 pm
Come join your friends for an evening of fine food, refreshments, and engaging conversation! A short streetcar ride and four-block walk will take you to the Artists Repertory Theatre at 1515 SW Morrison.

Dinner:
Sunday: Meet at Artists Repertory Theatre at 7:30 pm.
Monday: Meet at University Place lobby at 6 pm.
Enjoy the fine cuisine of Portland! Reservations have been made at multiple restaurants – approximately twelve seats are available at each locale. Please sign up at the registration desk. First come – first served!

Monday evening pub crawl
Meet at University Place lobby at 6 pm
Sample the finest ales in town! Join your personal guide for a tour of Portland’s best.

EXHIBITORS

Monday, June 23
7 – 8 am Continental breakfast
7 am – 5 pm Exhibitors (Willamette Falls Room)
8 – 9:30 am Plenary session
10 – 10:30 am Break (Willamette Falls Room)
10 am – 12 pm S1: Communicating forecasts 1
S2: Pricing and policy 1
12 – 1 pm Lunch (Willamette Falls Room)
1 – 3 pm S3: Activity-based models 1
S4: Pricing and policy 2
3 – 3:30 PM Break (Willamette Falls Room)
3:30 – 5:30 pm S5: Activity-based models 2
S6: Linking dynamic network & travel models 1
6 pm Dinner with colleagues; Pub crawl

Tuesday, June 24
7 – 8 am Continental breakfast (Willamette Falls Room)
7 – 10:30 am Exhibitors (Willamette Falls Room)
8 – 10 am S7: Linking dynamic network & travel models 2
S8: Communicating forecasts 2
10 – 10:30 am Break (Willamette Falls Room)
10:30 am – 12 pm S9: Activity-based models 3
S10: Policy and pricing 3
12 pm Conference concludes

CONFERENCE AT A GLANCE

Sunday, June 22
10:30 – 11:30 am State-of-the-practice workshop
11:30 am – 1 pm Lunch (on your own)
1 – 3 pm Activity-based modeling tutorial
3 – 3:30 pm Break (Willamette Falls Room)
3:30 – 5:30 pm Climate change and travel modeling tutorial
6 pm Evening reception, Artists Repertory Theatre
7:30 pm Dinner with colleagues

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12 pm Conference concludes
Sunday, June 22

10:30 – 11:30 am: State-of-the-practice workshop
Moderators: Dick Walker, Metro; Portland; Fred Duca, PB Rick
This session provides a brief look at Special Report 288: Metropical Travel Forecasting – Current Practice and Future Directions. Group discussion will focus on the next steps that should be taken with regard to the recommendations of the report.

11:30 am – 1: pm: Lunch (on your own)

1 – 3 pm: Activity-based modeling tutorial
Moderator: Maren Outwater, Puget Sound Regional Council
Why should agencies make the change? What are the benefits of activity models? Erkal Sabina, Denver Region Council of Governments; Chuck Purvis, Metropolitan Transportation Commission
How do MPOs/DOTs make the transition from 4-step to activity models?
Dick Walker, Metro, Portland; Gue Rouseau, Atlanta Regional Commission
What do the comparisons of 4-step models and activity models tell us?
Bill Charbon, San Francisco County Transportation Authority
Gordon Garry, Sacramento Area Council of Governments
Making models out of the box: Prospects for expanding the scope of travel demand microsimulation.
Mark Bradley, Mark Bradley Research and Consulting

3 – 3:30 pm: Break (Willamette Falls Room)

3:30 – 6:30 pm: Climate change and travel modeling tutorial
Moderator: Joan Walker, Boston University
3:30 – 5:30 pm: Session 1 – Communicating results 1
Moderator: Susan Handy, University of California - Davis
Communicating simulation results during the White House Area Transportation Study
Dahid Raw, AECOM Consult, Inc.
Travel model information: Gauging presentations and exhibits to audiences
Christopher Primus, Jacobs Carter Burgess
Communicating a complex model and forecasts to the public:
Summarizing the California statewide model for high-speed rail
Elizabeth A. Sali, San Francisco County Transportation Authority
Communicating forecasts in the transit new start process
Ken Cervenna, Federal Transit Administration

10 am – 12 pm: Session 2 – Pricing and policy 1
Moderator: Rick Donnelly, PB
Travel demand modeling needs for road pricing:
Challenges and opportunities
Tom Rossis, Jeff Busbaum, Cambridge Systematics
Modeling Manhattan area congestion pricing within the framework of an activity-based model
Robert Donnelly, PB
Modeling response to congestion pricing in Tel Aviv:
A tour-based approach
Yoram Shifman, Technion, Israel Institute of Technology (visiting University of Michigan)

11 am – 1: pm: Lunch (Willamette Falls Room)

1 – 3 pm: Session 3 – Activity-based models 1
Moderator: Chandra Bhat, University of Texas - Austin
The modetopp model: From longitudinal data to microsimulation
Tobias Kuhnhoft, KU, Universitat Karlsruhe
MATSIM-T
Kay Ahuasian, Michael Balmer, NT, ETH Zurich; Roman Obrist, CEO, Mappius, AG

Monday, June 23

7 – 8 am: Continental breakfast

7 am – 5 pm: Exhibitors (Willamette Falls Room)

8 – 9:30 am: Plenary session
Opening: Joan Walker, Boston University
Welcome: Bill Feyerherm, Vice Provost for Research and Graduate Studies, Portland State University
Keynote address: Keith Lawton, Director of Tunnels, Bridges, & Terminals, PANYNJ; Winnie Shi, Director, Global Infrastructure and Projects Group, KPMG Corporate Finance LLC

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3:30 – 5:30 pm: Session 6 – Activity-based models 1
Moderator – Joel Freedman, PB
ALBATROSS: The Aronzo and Harry Timmennans, Eindhoven University of Technology
CDEMP/VISTA
Yoram Shifman, Technion, Israel Institute of Technology (visiting University of Michigan)

3:30 – 5:30 pm: Session 6 – Activity-based models 1
Moderator: Jan Dulline, University of Texas - Austin
Dynamic traffic assignment techniques: An overview
Hari Mahmassani, Northwestern University
Linking demand from a regional travel demand forecasting model to a new DTA model: The Montreal experience
Shane Velan, IMRD; Pascal Veale, City of Montreal
Modeling and simulation of a morning reaction to an evening toll
Marco Rieser, TU Berlin
DynaSoft/DynaSt applications in the Twin Cities, Minnesota area
Steve Wilson, SRF Consulting; Yi-Chang Chu, University of Arizona

6 pm: Dinner with colleagues

Tuesday, June 24

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8 – 10 am: Session 8 – Communicating forecasts 2
Moderator: Keith Kilbourn

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eighty seconds: Thought piece on communicating travel demand modeling to survey respondents
Stacey Bricka, Nuditastics

9:30 am – 11:30 am: State-of-the-practice workshop
Moderator: John Gliebe, Portland State University
The PCATS-DEBNet5 model for microsimulation activity travel patterns
Yujiro Kitamura, Akira Kikuchi, Kyoto University, and Yayoi Yamauchi, Japan
Towards a post-processor-based HOT lane mode shift model
Laura McFethy and Jay Evans, Cambridge Systematics
Traffic Choices Study: Measuring response to a network of time-of-day tolls in the Central Puget Sound Region
Matthew Kitchen, Larry Blain, and Maren Outwater, Puget Sound Regional Council
Enhancement and application of an activity-based travel model for congestion pricing
Greg Erhardt, Joel Freedman, PB; Joe Castiglione; Billy Charbon, San Francisco County Transportation Authority; Mark Bradley, Mark Bradley Research and Consulting

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