Preface

Acknowledgements

I: SETTING THE CONTEXT

01 Contemporary Issues in Obtaining Data for Decision Making
   Johanna Zmud, Martin-Lee Gosselin, Marcela Munizaga, Juan Antonio Carrasco

02 Plenary - Total Design Data Needs for the New Generation Large Scale Activity Microsimulation Models
   Konstadinos G. Goulias, Ram M. Pendyala and Chandra R. Bhat

II: FOCUS ON IMPROVED METHODS: THEMES 1 TO 5

Theme 1: Mainstreaming mobility-aware and on-line technologies

03 Cell Phone Enabled Travel Surveys: The Medium Moves The Message
   Jane Gould

04 A Case Study: Multiple Data Collection Methods And The Ny/Nj/Ct Regional Travel Survey
   Jean Wolf and Jeremy Wilhelm and Jesse Casas and Sudeshna Sen

05 Conducting A Gps-Only Household Travel Survey
   Peter R. Stopher, Christine Prasad, Laurie Wargelin and Jason Minser

06 The role of web interviews as part of a national travel survey
   Linda Christensen

07 Using accelerometer equipped GPS devices in place of paper travel diaries to reduce respondent burden in a national travel survey
   Abby Sneade

08 Workshop Synthesis: Validating Shifts In The Total Design Of Travel Surveys
   Anthony J. Richardson and T. Keith Lawton

09 Workshop Synthesis: Multi-Method Data Collection To Support Integrated Regional Models
   Eric J. Miller and Caitlin Cottrill

Theme 2: Improving respondent interfaces

10 Web-based travel survey: a demo
   Pierre-Léo Bourbonnais and Catherine Morency
Marius Thériault, Martin Lee-Gosselin, Louis Alexandre, François Théberge and Louis Dieumegarde

12 Workshop Synthesis: Designing New Survey Interfaces
Marcelo G. Simas Oliveira and Mark Freedman

13 Shipper/Carrier Interactions Data Collection: Web-Based Respondent Customized Stated Preference (WRcSP) Survey
Rinaldo A. Cavalcante and Matthew J. Roorda

14 Workshop Synthesis: Alternative Approaches to Freight Surveys
Jesse Casas and Matthew J. Roorda

**Theme 3: Comparing survey modes and methods**

15 Analysis of PAPI, CATI and CAWI Methods for a Multi-Day Household Travel Survey
Martin Kagerbauer, Wilko Manz and Dirk Zumkeller

16 Comparing Trip Diaries with GPS-Tracking - Results of a Comprehensive Austrian Study
Birgit Kohla and Michael Meschik

17 Correcting biographic survey data biases to compare with cross section travel surveys
Francis Papon

18 Workshop Synthesis: Comparative Research into Travel Survey Methods
Jimmy Armoogum and Marco Diana

**Theme 4: Facing up to sample attrition in longitudinal surveys**

19 Optimal sampling designs for multiday and multiperiod panel surveys
Makoto Chikaraishi, Akimasa Fujiwara, Junyi Zhang and Dirk Zumkeller

20 Do drop-outs really hurt? – Considerations about data quality and completeness in combined multiday and panel surveys
Chlond, Bastian; Wirtz, Matthias; Zumkeller, Dirk

21 Workshop Synthesis: Longitudinal Methods: Overcoming Challenges And Exploiting Benefits
Elizabeth Ampt and Anthony J. Richardson

**Theme 5: Understanding the social context of data collection**

22 Affective Personal Networks Versus Daily Contacts: Analyzing Different Name Generators In A Social Activity-Travel Behaviour Context
Juan Antonio Carrasco, Cristián Bustos and Beatriz Cid-Aguayo
III: FOCUS ON NEW METHODS AND DATA SOURCES: THEMES 6 TO 8

Theme 6: New challenges in dealing with time: environmental peaks and planning horizons

25 Empirically-constrained efficiency in a strategic-tactical Stated Choice survey of the usage patterns of emerging carsharing services
Scott Le Vine, Aruna Sivakumar, Martin Lee-Gosselin and John Polak

26 Workshop Synthesis: Methods for Capturing Multi-Horizon Choices Chandra Bhat and Matthew Roorda

27 Survey data to model time-of-day choice: methodology and findings Julián Arellana, Juan de Dios Ortúzar and Luis Ignacio Rizzi

28 Collection of time-dependent data using audio-visual stated choice Chester Wilmot and Ravindra Gudishala

29 Workshop Synthesis: Survey Methods To Inform Policy Makers On Energy, Environment, Climate And Natural Disasters
Gerd Sammer and Juan de Dios Ortúzar

Theme 7: New perspectives on observing choice processes: psychological factors

30 Factors affecting respondents’ engagement with survey tasks
Peter Bonsall, Jens Schade, Lars Roessger, and Bill Lythgoe

31 A stated adaptation approach to surveying activity scheduling decisions
Claude Weis, Christoph Dobler and Kay W. Axhausen

32 Workshop Synthesis: Cognitive and Decision Processes underlying Engagement in Stated Response Surveys
Peter Bonsall

33 Measuring User Satisfaction In Transport Services: Methodology And Application
Pedro Donoso, Marcela Munizaga and Jorge Rivera

34 Semantic Approach To Capture Psychological Factors Affecting Mode Choice: Comparative Results From Canada And Chile
Alejandro Tudela, Khandker M. Nurul Habib and Ahmed Osman Idris
Theme 8: New types of data stream: opportunities and challenges

36 Smart Card Validation Data as a Multi-Day Transit Panel Survey to Investigate Individual and Aggregate Variation in Travel Behaviour
Ka Kee Alfred Chu And Robert Chapleau

37 Indirect Measurement Of Level Of Service Variables For The Public Transport System Of Santiago Using Passive Data
Pablo Beltrán, Antonio Gschwender, Marcela Munizaga, Meisy Ortega and Carolina Palma

38 Towards a reliable Origin Destination matrix from massive amounts of smartcard and GPS data: Application to Santiago
Flavio Devillaine, Marcela Munizaga, Carolina Palma and Mauricio Zúñiga

39 Workshop Synthesis: Exploiting and Merging Passive Public Transportation Data Streams
Catherine Morency

40 A GPS/Web-based Solution for Multi-day Travel Surveys: Processing Requirements and Participant Reaction
Stephen Greaves and Richard Ellison

41 Spatiotemporal data from mobile phones for personal mobility assessment
Zbigniew Smoreda, Ana-Maria Olteanu-Raimond, and Thomas Couronné

42 Workshop Synthesis: Post Processing of Spatio-Temporal Data
Peter Stopher and Abby Sneade