

A1C02 Sessions at TRB 2004

231 (KFS04-65)

Monday, January 12, 2004, 8:00am- 9:45am, Hilton, Monroe East

Choice Set Construction and Sampling of Alternatives

Frank S. Koppelman, Northwestern University, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Traveler Behavior and Values (A1C04)

Capturing the Role of Awareness and Information Search Processes (04-3053)

Theo Arentze, Eindhoven University of Technology, Netherlands

H. J.P. Timmermans, Eindhoven University of Technology, Netherlands

Multimodal Choice Set Composition: Analysis of Reported and Generated Choice Sets (04-3949)

Sascha Hoogendoorn-Lanser, Delft University of Technology, Netherlands

Rob van Nes, Delft University of Technology, Netherlands

Choice Set Generation for Multimodal Travel Analysis (04-3276)

Stella Fiorenzo-Catalano, Delft University of Technology, Netherlands

Rob van Nes, Delft University of Technology, Netherlands

Piet H. L. Bovy, Delft University of Technology, Netherlands

Numerical Analysis of the Effect of Sampling of Alternatives in Discrete Choice Models (04-3196)

Sriharsha Nerella, University of Texas, Austin

Chandra R. Bhat, University of Texas, Austin

375 (KFS04-64)

Monday, January 12, 2004, 7:30pm- 9:30pm, Hilton, Thoroughbred

Dynamic Models of Decision Making

Karthik K. Srinivasan, Vanderbilt University, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Traveler Behavior and Values (A1C04); Committee on Task Force on Moving Activity-Based Approaches To Practice (A1C53)

Empirical Investigation on Dynamic Processes of Activity Scheduling and Trip Chaining (04-5028)

Ming S. Lee, TJKM Transportation Consultants

Michael G. McNally, University of California, Irvine

Modeling the Impact of Emerging, Uncertain, Time-Dependent, Aggregate Activity-Travel Patterns on Individual Activity Participation and Timing Decisions (04-2431)

Qi Han, Eindhoven University of Technology, Netherlands

Benedict Dellaert, Universiteit Maastricht, Netherlands

Fred van Raaij, Tilburg University, Netherlands

H. J.P. Timmermans, Eindhoven University of Technology, Netherlands

Theoretical Analysis of Day-to-Day Dynamics of the Transportation System (04-2647)

Shoichiro Nakayama, Kanazawa University, Japan

Uncovering the Contribution of Travel Time Reliability to Dynamic Route Choice Using Real-Time Loop Data (04-3924)

Henry X. Liu, Utah State University

Wilfred W Recker, University of California, Irvine

Anthony Chen, Utah State University

Day-to-Day Evolution of Network Flows Under Route Choice Dynamics in Commuter Decisions (04-5178)

Karthik K. Srinivasan, Vanderbilt University

Zhiyong Guo, Vanderbilt University

493 (KFS04-75)

Tuesday, January 13, 2004, 1:30pm- 3:15pm, Shoreham, Blue Room

Focus on Freight Systems, Part 3: How Can Freight Demand and Market Responses Be Modeled? (Part 1, Session 417; Part 2, Session 459; Part 4, Session 534)

Rick Donnelly, PB Consult, Inc., presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Freight Transportation Data (A1B09); Committee on Urban Freight Transportation (A1B07); Committee on Freight Transportation Planning and Logistics (A1B02); Committee on Transportation Planning Applications (A1C07)

Context of Freight Modeling: What Decision Makers Need from Models (P04-0888)

J. Susie Lahsene, Port of Portland

Rick Donnelly, PB Consult, Inc.

Urban Freight Models: Current Practice and Evolving Frameworks (P04-0889)

Michael J. Fischer, Cambridge Systematics, Inc.

Gary Maring, Cambridge Systematics, Inc.

Regional and National Freight Models (P04-0890)

Frank Southworth, Oak Ridge National Laboratory

Freight Modeling: National Security Perspective (P04-0892)

Verne W. Loose, Los Alamos National Laboratory

570 (KFS04-82)

Tuesday, January 13, 2004, 7:30pm- 9:30pm, Hilton, International West

Land Use and Transportation Modeling, Part 2 (Part 1, Session 539)

Eric J. Miller, University of Toronto, Canada, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Transportation and Land Development (A1D02)

Multiagent Models of Urban Land Development: (04-2496)

Theo Arentze, Eindhoven University of Technology, Netherlands

H. J. P. Timmermans, Eindhoven University of Technology, Netherlands

Household Allocation Module of Oregon2 (04-5229)

John Douglas Hunt, University of Calgary, Canada

John E. Abraham, University of Calgary, Canada

Tara J. Weidner, Parsons Brinckerhoff Quade & Douglas, Inc.

TRESIS: Application to a Case Study in Northeast Sydney (04-4909)

Peter R. Stopher, University of Sydney, Australia

David A. Hensher, University of Sydney, Australia

Philip Bullock, University of Sydney, Australia

Tu Ton, University of Sydney, Australia

Incremental Developments in Sacramento: Toward Advanced Integrated Land Use and Transport (04-5235)

John E. Abraham, University of Calgary, Canada

Gordon Garry, Sacramento Area Council of Governments

John Douglas Hunt, University of Calgary, Canada

Alan T. Brownlee, City of Edmonton, Canada

625 (KFS04-79)

Wednesday, January 14, 2004, 8:00am- 9:45am, Hilton, Monroe East

Mixed Logit and Other Advanced Econometric Methods: Identification, Estimation, and Application

Joan Walker, Caliper Corporation, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02)

Mixed Nested Logit Models: Integrating Flexible Closed-Form Models with Parameter Mixtures (04-4293)

Laurie Garrow, Northwestern University

Frank S. Koppelman, Northwestern University

Heteroscedastic Nested Logit Kernel (or mixed logit) Models for Large Multidimensional Choice Problems: Identification and Estimation (04-3078)

John L. Bowman, No Organization

On the Use of Randomly Shifted and Shuffled Uniform Vectors in the Estimation of a Mixed Logit Model for Vehicle Choice (04-4313)

Stephane Hess, Imperial College London, United Kingdom

Kenneth E. Train, University of California, Berkeley

John W. Polak, Imperial College London, United Kingdom

On Distinguishing Between Physically Active and Physically Passive Episodes and Between Travel and Activity Episodes: Analysis of Weekend Recreational Participation in San Francisco Bay Area (04-3197)

Chandra R. Bhat, University of Texas, Austin

Allison Lockwood, University of Texas, Austin

Simulation Analysis of Efficiency of Nonparametric Estimation of Duration Dependence by Hazard-Based Duration Models (04-4827)

Toshiyuki Yamamoto, Nagoya University, Japan

Noritake Nakagawa, Nagoya University, Japan

Ryuichi Kitamura, Kyoto University, Japan

Jean-Loup Madre, INRETS, France

669 (KFS04-67)

Wednesday, January 14, 2004, 10:15am-12:00pm, Hilton, Monroe East

Research Developments in Activity-Based Travel Modeling

Chandra R. Bhat, University of Texas, Austin, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Task Force on Moving Activity-Based Approaches To Practice (A1C53)

On the Day-to-Day Variability of Prism Vertex Location (04-3059)

Ryuichi Kitamura, Kyoto University, Japan

Toshiyuki Yamamoto, Nagoya University, Japan

Yusak O. Susilo, Kyoto University, Japan

Kay W. Axhausen, Swiss Federal Institute of Technology

Activity-Travel (Re)scheduling Decision Processes: (04-2292)

Chang-Hyeon Joh, Eindhoven University of Technology, Netherlands

Theo Arentze, Eindhoven University of Technology, Netherlands

H. J. P. Timmermans, Eindhoven University of Technology, Netherlands

Hybrid Discrete Choice Departure Time and Duration Model for Scheduling Travel Tours (04-3013)

Peter S. Vovsha, PB Consult

Mark Bradley, Mark Bradley Research & Consulting

Predicting Travel Time to Evening Shopping and Activity Duration Using Spatial Census Tract-Level and Transportation Network Factors (04-2508)

David Rosen, University of Washington
Venky N. Shankar, University of Washington
Gudmundur Freyr Ulfarsson, Washington University in St. Louis

Exploration of Relationship Between Mode Choice and Complexity of Trip-Chaining Patterns (04-3772)

Xin Ye, University of South Florida
Ram M. Pendyala, University of South Florida
Giovanni Gottardi, Jenni + Gottardi AG, Switzerland

841 (KFS04-74)

Thursday, January 15, 2004, 10:15am-12:00pm, Hilton, Lincoln West

Transportation Forecasting

Peg Young, Bureau of Transportation Statistics, presiding
Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02)

Airline Network: Time-Series Analysis of U.S. Domestic Air Travel (04-3723)

Dipasis Bhadra, CAASD/MITRE Corporation
Pamela A. Texter, CAASD/MITRE Corporation

Estimating the Impact of Recent Interventions on Transportation Indicators (04-2745)

Margaret Ruth Young, Bureau of Transportation Statistics
John Keith Ord, Georgetown University

Combined Effects of SwissAir Bankruptcy and September 11th on Swiss Airports (04-3052)

Miriam Edith Scaglione, Ecole hôtelière de Lausanne, Switzerland
Andrew Mungall, Ecole hôtelière de Lausanne, Switzerland

Predicting Casualty Numbers in Great Britain (04-3684)

Robert Raeside, Napier University, United Kingdom
David White, Napier University, United Kingdom

A1C02 Cosponsored Sessions

151 (KFW04-04)

Sunday, January 11, 2004, 2:00pm- 5:30pm, Hilton, Thoroughbred
Doctoral Student Research in Transportation Modeling

Sponsored by Committee on Transportation Network Modeling (A1C05); Committee on Traffic Flow Theory and Characteristics (A3A11); Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Traveler Behavior and Values (A1C04)

440 (KFP04-83)

Tuesday, January 13, 2004, 9:30am-12:00pm, Hilton, Exhibit Hall
Planning Mega Poster Session

Sponsored by Committee on Group 1 Council (A1000); Committee on Metropolitan Policy, Planning, and Processes (A1A03); Committee on Performance Measurement (A5022); Committee on Statewide Multimodal Transportation Planning (A1D01); Committee on Access Management (A1D07); Committee on Traveler Behavior and Values (A1C04); Committee on Task Force on Moving Activity-Based Approaches To Practice (A1C53); Committee on Passenger Travel Demand Forecasting (A1C02); Committee on Telecommunications and Travel Behavior (A1C08); Committee on Transportation and Land Development (A1D02)

Growth Visioning for the Westside Cities of Los Angeles (04-3511)

Krute Singa, Jack Faucett Associates
Ria Sulinda Hutabarat, Jack Faucett Associates
Mary Chou, Jack Faucett Associates

Measuring Congestion in the Greater Toronto Area (04-2771)

Ali A. Mekky, Alican Consultants, Canada

Measuring Incident Responses and Operational Performance Through ITS Systems (04-3073)

Edmond Chin-Ping Chang, Oak Ridge National Laboratory

New Performance Measuring System for Intermodal Transportation (04-3161)

Mingzhou Jin, Mississippi State University
Haiyuan Wang, Mississippi State University

Performance-Based and Needs-Based Approach for Allocating Excess Tollway Revenue to Improvement Projects: Returning Benefits to Tollway Customers (04-4410)

William H. Bachman, GeoStats
Daniel E. Drake, Georgia State Road and Tollway Authority

Transportation Professionals' Views on Sustainable Transportation Indicators (04-4922)

Richard William Lee, Fehr and Peers Associates
Trevor R. Keith, Crawford, Multari and Clark Associates

Measuring Vehicle Travel by Visitors (04-2690)

Xuehao Chu, University of South Florida
Steven E. Polzin, University of South Florida

Evaluation of Characteristics That Affect Violation Rates at Right-in/Right-out Driveways (04-2500)

Stephen Lawrence Thieken, Burgess & Niple, Inc.
Frank M. Croft, Ohio State University

Focusing on the Statewide Vision with Intermodal Performance Measures (P04-0843)

Patricia Hendren, Cambridge Systematics, Inc.
Edward Strocko, Maryland Department of Transportation

Integrating Long-Range Planning Objectives and Near-Term Operational Strategies To Improve Multimodal Planning in Urban Corridors (P04-0844)

Christopher Curtiss, California Department of Transportation

Colorado's 2030 Statewide Transportation Plan (P04-0850)

George Gerstle, Colorado Department of Transportation

Transportation Planning Capacity Building Peer Program Results (P04-0852)
Robert Ritter, Federal Highway Administration

Use of Multimodal, Multicriteria Analysis in Establishing Modal Priorities and Trade-offs (P04-0853)
Stephen Roop, Texas Transportation Institute

New York Avenue Metro Station: Organizational and Planning Issues (P04-0855)
Dan Tangherlini, District of Columbia Department of Transportation

Planning with the Park Service for Banneker Overlook Intermodal Transportation Center (P04-0858)
Dan Tangherlini, District of Columbia Department of Transportation

Partnership for Integrated Planning (P04-0859)
Candice Steelman, Merced County Association of Governments

Designation of Statewide Strategic Intermodal System (04-4670)
John Kaliski, Cambridge Systematics, Inc.
James J. Brogan, Cambridge Systematics, Inc.
Brian ten Siethoff, Cambridge Systematics, Inc.

Merlin: Microsimulation System for Predicting Leisure Travel (04-2165)
Manon van Middelkoop, Eindhoven University of Technology, Netherlands
Aloys Borgers, Eindhoven University of Technology, Netherlands
H. J. P. Timmermans, Eindhoven University of Technology, Netherlands

Multidimensional Mixed Ordered-Response Model for Analyzing Weekend Activity Participation Accommodating Demographic, Internet Use, Residential Location, and Day of Week/Season Effects (04-3516)
Chandra R. Bhat, University of Texas, Austin
Sivaramakrishnan Srinivaasan, University of Texas, Austin

Improving the Performance of a Multiagent Rule-Based Model for Activity Pattern Decisions Using Bayesian Networks (04-2696)
Davy Janssens, Limburg University, Belgium
Geert Wets, Limburg University, Belgium
Tom Brijs, Limburg University, Belgium
Koen Vanhoof, Limburg University, Belgium
Theo Arentze, Eindhoven University of Technology, Netherlands
Harry Timmermans, Eindhoven University of Technology, Netherlands

Design and Assessment of Toronto Area Computerized Household Activity Scheduling Survey (04-4982)
Sean T. Doherty, Wilfrid Laurier University, Canada
Erika Nemeth, Wilfrid Laurier University, Canada
Matthew Roorda, University of Toronto, Canada
Eric J. Miller, University of Toronto, Canada

Real-Time Tracking of Activity Scheduling and Schedule Execution Within Unified Data Collection Framework (04-3609)
Jianyu Zhou, University of California, Santa Barbara
Reginald G. Golledge, University of California, Santa Barbara

Model Structure Kernel for Household Task and Time Allocation Incorporating Household Interaction and Interactivity Dependency (04-2139)
Junyi Zhang, Hiroshima University, Japan
Harry Timmermans, Eindhoven University of Technology, Netherlands
Aloys Borgers, Eindhoven University of Technology, Netherlands

Modeling Timing and Duration of Activities and Trips in Response to Pricing Policies (04-3738)
Dick Ettema, Utrecht University, Netherlands
Olu Ashiru, Imperial College London
John Polak, Imperial College of Science Technology and Medicine, United Kingdom

Model for Allocation of Maintenance Activities to Household Members (04-3787)
Peter S. Vovsha, PB Consult
Eric Petersen, PB Consult
Robert M Donnelly, Port Authority of New York and New Jersey

On Weekend Activity and Travel Behavior in a Developing Country: Empirical Study Using Multilevel Structural Equation Models (04-4260)
Hyungjin Kim, Yonsei University, Korea

- Daehoon Kim, Yonsei University, Korea
 Jin-Hyuk Chung, Chung Ang University, Korea
- Structural Equation Model of Activity Participation and Travel Behavior Using Longitudinal Data** (04-2832)
 Jin-Hyuk Chung, Chung Ang University, Korea
 Yunsook Choi, Chung Ang University, Korea
 Seongho Kim, Hanyang University, Korea
- Transportation Network Evacuation Planning with Household Activity Interactions** (04-4268)
 Pamela M. Murray-Tuite, University of Texas, Austin
 Hani S. Mahmassani, University of Maryland
- Event-Driven Time-Series-Based Dynamic Model of Decision-Making Processes: Philosophical Background and Conceptual Framework** (04-3321)
 Marek Litwin, University of Toronto, Canada
 Eric J. Miller, University of Toronto, Canada
- Modeling the Generation and Allocation of Shopping Activities in a Household** (04-3894)
 Sivaramakrishnan Srinivasan, University of Texas, Austin
 Chandra R. Bhat, University of Texas, Austin
- Analysis of Classes of Individual Activity Patterns and of Evolution of Their Relation to Sociodemographic and Economic Variables** (04-4094)
 Orlando Strambi, Escola Politecnica, Brazil
 Katia Moherdau Vespucci, Escola Politecnica, Brazil
 Karin-Anne van de Bilt, Escola Politecnica, Brazil
- Analysis of Personal Time-Space Prism Vertex Locations in a Developing Country Context** (04-4385)
 Ram S. Nehra, University of South Florida
 Amlan Banerjee, University of South Florida
 Ram M. Pendyala, University of South Florida
 Sundar Lal Dhingra, Indian Institute of Technology, Bombay
- Multilevel Structural Equation Model for Activity Participation and Travel Behavior Using Puget Sound Transportation Panel** (04-4256)
 Jin-Hyuk Chung, Chung Ang University, Korea
 Seongho Kim, Hanyang University, Korea
 Young-Kyun lee, Korea Transport Institute
 Yunsook Choi, Chung Ang University, Korea
- Impact of Intra-Household Interactions on Individual Daily Activity-Travel Patterns** (04-3520)
 Peter S. Vovsha, PB Consult
 Eric Petersen, PB Consult
 Robert M Donnelly, Port Authority of New York and New Jersey
- Choice of Park-and-Ride Facilities: Analysis Using a Context-Dependent Hierarchical Choice Experiment** (04-2265)
 Ilona Bos, Delft University of Technology, Netherlands
 Rob van der Heijden, University of Nijmegen, Netherlands
 Eric Molin, Delft University of Technology, Netherlands
 H. J .P. Timmermans, Eindhoven University of Technology, Netherlands
- Travel Mode Choice of the Elderly: Effects of Personal, Household, Neighborhood, and Trip Characteristics** (04-4081)
 Sungyop Kim, University of Washington
 Gudmundur Freyr Ulfarsson, Washington University in St. Louis
- Car Rider Segmentation According to Riding Status and Investment in Car Mobility** (04-2837)
 alon elgar, Independent Consultant
 Shlomo Bekhor, Technion-Israel Institute of Technology
- Daily Stop-Making Model for Workers** (04-4995)
 You-Lian Chu, Parsons Corporation
- Wanting to Travel More or Less: Exploring Determinants of Deficit and Surfeit of Personal Travel** (04-3240)
 Sangho Choo, University of California, Davis
 Gustavo Oscar Collantes, University of California, Davis
 Patricia L. Mokhtarian, University of California, Davis

Decade of Longitudinal Travel Behavior Observation in Puget Sound Region: Sample Composition, Summary Statistics, and Selection of First-Order Findings (04-2236)

Konstadinos G. Goulias, Pennsylvania State University
Neil Kilgren, PSRC
Tae-Gyu Kim, Pennsylvania State University

Modeling Long- and Short-Term Travel Time Under ATIS Using Mixed Linear Models for Correlated Data (04-4839)

Fathy Abdalla, University of Central Florida
Mohamed A. Abdel-Aty, University of Central Florida

Relationship of Occupational, Industry, and Socioeconomic Characteristics and Job Start Times: Evidence from Current Population Survey (04-5032)

Avinash Kumar Sinha, Michael Baker Corporation
Piyushimita Thakuria, University of Illinois, Chicago

Bilevel Programming Approach to Optimizing a Logistic Distribution Network with Balancing Requirements (04-3643)

Bo Huang, National University of Singapore
Der-Hong Lee, National University of Singapore

Comparison of Methods Representing Heterogeneity in Logit Models (04-4360)

Xiaoqing Dong, Northwestern University
Frank S. Koppelman, Northwestern University

Facility-Level Model of Peak Spreading (04-4011)

Thomas Adler, Resource Systems Group
William Olsen, Florida Turnpike Enterprise
Youssef Dehghani, Parsons Brinckerhoff

What to Expect from Compact Cities in Changing Mobility Patterns (04-2043)

Mirjan Bouwman, University of Groningen, Netherlands

Influence of Socioeconomic Characteristics, Land Use, and Travel Time Considerations on Mode Choice for Long-Distance Trips (04-2495)

Narisra Limtanakool, Utrecht University, Netherlands
Tim Schwanen, Utrecht University, Netherlands
Martin Dijst, Utrecht University, Netherlands

Comparing the Influence of Land Use on Nonwork Trip Generation and Vehicle Distance Traveled (04-4749)

Marlon G. Boarnet, University of California, Irvine
Nesamani Kalandiyur, University of California, Irvine
C. Scott Smith, University of California, Irvine

Induced Demand: Microscopic Perspective (04-2524)

Pavithra Parthasarathi, URS Corporation
David Levinson, University of Minnesota
Ramachandra Karamalaputi, University of Minnesota

Agent-Based Travel Demand Model (04-2583)

Lei Zhang, University of Minnesota
David Levinson, University of Minnesota

Alternative Formulations of Joint Model Systems of Departure Time Choice and Mode Choice for Nonwork Trips (04-3770)

Constantinos A. Tringides, University of South Florida
Xin Ye, University of South Florida
Ram M. Pendyala, University of South Florida

Vehicle Age Distribution Model and Application for Beijing, China (04-2235)

Fang Yang, Northern Jiaotong University, China
Lei Yu, Texas Southern University
Guohua Song, Northern Jiaotong University, China
Wen Wang, Northern Jiaotong University
Wenwen Pei, Northern Jiaotong University

Structural Equation Analysis of Mode Choice and Activity Choice: Case of Commuter Rail (04-4499)

Ryoichi Sakano, North Carolina A&T State University
Julian M. Benjamin, North Carolina A&T State University

Weighting Waiting: Evaluating Perception of In-Vehicle Travel Time Under Moving and Stopped Conditions (04-2516)

David Levinson, University of Minnesota
Kathleen Harder, University of Minnesota
John Bloomfield, University of Minnesota
Kasia Winiarczyk, University of Minnesota

Modeling the Effect of Travel Time Uncertainty and Traffic Information on Use of Park-and-Ride Facilities (04-3647)

Ilona Bos, Delft University of Technology, Netherlands
Dick Ettema, Utrecht University, Netherlands
Eric Molin, Delft University of Technology, Netherlands

Accommodating Heterogeneity and Heteroscedasticity in Intercity Travel Mode Choice Model: Formulation and Application to HoNam High-Speed Rail Demand Analysis (04-2041)

Jangho Lee, Seoul National University, Korea
Kyung-Soo Chon, Seoul National University, Korea
Changho Park, Seoul National University, Korea

Measuring Components of Value of Travel Time Savings (04-3063)

Mei-Lan Jiang, Nagoya University, Japan
Takayuki Morikawa, Nagoya University, Japan

Choice Set Composition in the Context of Pedestrians' Route Choice Modeling (04-2601)

Peter van der Waerden, Eindhoven University of Technology, Netherlands
Aloys Borgers, Eindhoven University of Technology, Netherlands
H. J.P. Timmermans, Eindhoven University of Technology, Netherlands

Verifying the Accuracy of Regional Models Used in Transportation and Air Quality Planning (04-4958)

Caroline J. Rodier, University of California, Berkeley

Travel Time Budget in Transport Network with Stochastic Degradations (04-3594)

Hong K. Lo, Hong Kong University of Science and Technology
Xiaowei Luo, Hong Kong University of Science and Technology

ICT and Travel in the Twin Cities Metropolitan Area: Enacted Patterns Between Internet Use and Working and Shopping Trips (04-3783)

Frank Douma, University of Minnesota
Kimberly J. Wells, Claremont Graduate University
Thomas A. Horan, Claremont Graduate University
Kevin J. Krizek, University of Minnesota

Which Came First--Telecommuting or Residential-Job Relocation? Empirical Analysis of Causality (04-4093)

David Terrance Ory, University of California, Davis
Patricia L. Mokhtarian, University of California, Davis

Sprawl and Decentralization in the Hartford Metropolitan Region (04-4762)

Brian Timothy Baird, University of Connecticut
Norman W Garrick, University of Connecticut

Empirical Analysis of Travel and Housing Costs in the Greater Toronto Area (04-3093)

Eric J. Miller, University of Toronto, Canada
Matthew Roorda, University of Toronto, Canada
Murtaza Haider, McGill University, Canada
Abolfazl Mohammadian, University of Illinois, Chicago

Influence of Land Use on Travel Behavior: Empirical Evidence from Santiago de Chile (04-4070)

Christopher Zegras, Massachusetts Institute of Technology

Transportation Needs, Location Choice, and Perceived Accessibility for Business Establishments (04-4058)

Kazuya Kawamura, University of Illinois, Chicago

Old Urbanism in Buffalo, New York: Challenges and Opportunities for Transit-Oriented Development in Elmwood Village (04-5095)

Jane Christine Humphreys, State University of New York, Buffalo

Hampton Roads Smart Growth Analysis (04-2996)

Andrew Pickard, Hampton Roads Planning District Commission

John W. Whaley, Hampton Roads Planning District Commission
Eric J. Walberg, Hampton Roads Planning District Commission
Tony D. Caselton, Hampton Roads Planning District Commission

Spatial-Temporal Variations of Commuting Time in Metropolitan Atlanta Region (04-5116)

Sugie Lee, Georgia Institute of Technology
Steven P. French, Georgia Institute of Technology

Office Location, Journey-to-Work Experience, and Worker Satisfaction (04-4593)

Allan Lichtenstein, Rutgers University
Laura Solitare, Rutgers University

Generic or Context-Specific? Influence of Residential Setting on Travel Behavior of Population Segments in the Netherlands (04-3778)

Tim Schwanen, Utrecht University, Netherlands
Martin Dijst, Utrecht University, Netherlands
Frans M. Dieleman, Utrecht University, Netherlands

Predicting and Managing Urban Growth: Transportation Planning Implications--Old Mission Peninsula Case Study (04-3153)

Jon Bryan Burley, Michigan State University
Joanne M. Westphal, Michigan State University
Warren J. Rauhe, Michigan State University
Gaelle Le Cleac'h, Institut National d'Horticulture
Marjorie Salles, Institut National d'Horticulture
Patricia L. Machemer, Michigan State University
Gordon Hayward, Peninsula Township
Russ Clark, R. Clark and Associates

Microsimulator of Urban Land Use Dynamics Integrating a Multiagent Model of Land Development and an Activity-Based Model of Transport Demand (04-2491)

Theo Arentze, Eindhoven University of Technology, Netherlands
H. J. P. Timmermans, Eindhoven University of Technology, Netherlands

Land Development Module of the Oregon Framework (04-5230)

John Douglas Hunt, University of Calgary, Canada
John E. Abraham, University of Calgary, Canada
Tara J. Weidner, Parsons Brinckerhoff Quade & Douglas, Inc.

Using Geographic Information System Property Tax Data for Trip Generation (04-4730)

Krista M. Tanaka, MAB Transportation
John R. Stone, North Carolina State University

Mixed Logit Estimation of Parking Type Choice (04-4310)

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

Schematic for Focusing on Youth in Investigations of Community Design and Physical Activity (04-2069)

Kevin J. Krizek, University of Minnesota
Amanda Birnbaum, Weill Cornell Medical Center
David Levinson, University of Minnesota

Influence of Parking Pricing on the Profile of On-Street Parkers (04-4531)

James Andrew Kelly, University College Dublin, Ireland
James Peter Clinch, University College Dublin, Ireland

539 (KFS04-52)

Tuesday, January 13, 2004, 3:45pm- 5:30pm, Hilton, International West

Land Use and Transportation Modeling, Part 1 (Part 2, Session 570)

Daniel A. Rodriguez, University of North Carolina, Chapel Hill, presiding

Sponsored by Committee on Transportation and Land Development (A1D02); Committee on Passenger Travel Demand Forecasting (A1C02)

Modifiable Areal Units: Problem or Matter of Perception in the Context of Residential Location Choice Modeling? (04-3482)

Jessica Y Guo, University of Texas, Austin

Chandra R. Bhat, University of Texas, Austin

Modeling Location Choices of Housing Builders in the Greater Toronto Area (04-4646)

Murtaza Haider, McGill University, Canada

Eric J. Miller, University of Toronto, Canada

Discrete Choice Model with Structuralized Spatial Effects for Location Analysis (04-2312)

Kazuaki Miyamoto, Tohoku University, Japan

Varameth Vichiensan, Tohoku University, Japan

Naoki Shimomura, Penta-Ocean Construction Company, Ltd., Japan

Antonio Paez, McMaster University, Canada

627 (KFS04-66)

Wednesday, January 14, 2004, 8:00am- 9:45am, Hilton, Georgetown East

State of the Practice in Activity-Based Modeling

Konstadinos G. Goulias, Pennsylvania State University, presiding

Sponsored by Committee on Task Force on Moving Activity-Based Approaches To Practice (A1C53); Committee on Traveler Behavior and Values (A1C04); Committee on Passenger Travel Demand Forecasting (A1C02)

Theories, Data Collection Issues, and Applications: Are We There Yet? (P04-0265)

Konstadinos G. Goulias, Pennsylvania State University

Comprehensive Econometric Microsimulator for Daily Activity-Travel Patterns (04-4718)

Chandra R. Bhat, University of Texas, Austin

Jessica Y Guo, University of Texas, Austin

Sivaramakrishnan Srinivasan, University of Texas, Austin

Aruna Sivakumar, University of Texas, Austin

FAMOS Application in Florida (P04-0586)

Ram M. Pendyala, University of South Florida

Lessons Learned from Applications of Activity-Based Approaches (P04-0587)

Peter S. Vovsha, PB Consult, Inc.

Panel Discussants: (P04-0589)

T. Keith Lawton, Metro Portland

Ken Cervenka, North Central Texas Council of Governments

Jose Luis Moscovich, San Francisco County Transportation Authority

A1C02 Committee Meeting

A1C02 (KFM04-04)

Wednesday, January 14, 2004, 2:30pm- 6:00pm, Hilton, State

A1C02-Passenger Travel Demand Forecasting

Chandra R. Bhat, University of Texas, Austin, presiding

Sponsored by Committee on Passenger Travel Demand Forecasting (A1C02)