

**Advancing Metropolitan Modeling for the Analysis of Urban Sustainability Policies
Mission Inn Hotel & Spa (Santa Barbara Room) Riverside, CA**

*An international conference sponsored by the Multi-campus Research Project Initiative
Center for Sustainable Suburban Development, University of California at Riverside*

Friday, January 16th , 2015

7:45-8:15	Breakfast
8:15-8:30	Opening Remarks
	Urban markets, congestion policy and welfare analysis Chair: Thomas F. Rutherford, University of Wisconsin, USA
8:30-9:15	<i>How does labor supply modeling affect findings of transport policy analyses?</i> Georg Hirte and Stefan Tucharaktschiew, Technical University of Dresden, Germany Discussant: Richard Arnott, University of California at Riverside, USA
9:15-10:00	<i>How wide are the “wider economic impacts”? On the overlap between standard CBA and productivity benefits</i> Jonas Eliasson, KTH Royal Institute of Technology, Stockholm, Sweden Discussant: Alex Anas, State University of New York at Buffalo, USA
10:00 -10:30	Coffee break
10:30-11:15	<i>Regional labor markets, commuting and the economic impact of road pricing</i> Toon Vandyck, European Commission and <u>Thomas F. Rutherford</u> , University of Wisconsin, USA Discussant: Peter Gordon, University of Southern California, USA
11:15-12:00	<i>Dynamic equilibrium at a congestible facility under market power</i> <u>Erik Verhoef</u> and Hugo Silva, Free University, Amsterdam, The Netherlands Discussant: Jan Brueckner, University of California at Irvine, USA
12:00-13:00	Lunch (Oriental Courtyard)
	Agent based micro-simulation and urban land use Chair: Andre de Palma, Ecole Normale Supérieure de Cachan, Paris, France
13:00-13:45	<i>City land use and rent dynamics with location externalities and zoning regulations</i> <u>Wenjia Zhang</u> and Kara M. Kockelman, University of Texas at Austin, USA Discussant: Georg Hirte, Technical University of Dresden, Germany
13:45-14:30	<i>The implications of land-market representation for the interpretation of empirical land-use change models</i> <u>Dawn Parker</u> , Tatiana Filatova, Yu Huang, Xiongbing Jin and Qingxu Huang, University of Waterloo, Ontario, Canada Discussant: Wenjia Zhang, University of Texas at Austin, USA
14:30-15:00	Coffee break
15:00-15:45	<i>Land supply effects and drivers of town planning choices. Some empirical observations in a Metropolitan Modeling perspective</i> <u>Laurence Delattre</u> , UMR CESAER, Dijon, France and Claude Napoleone, INRA, Avignon, France Discussant: Sofia F. Franco, Nova School of Business and Economics, Lisbon, Portugal
15:45-16:30	<i>Stockholm congestion charging: an assessment with METROLIS and SILVESTER</i> Mohammad Saifuzzaman, Queensland University of Technology; Leonid Engelson, KTH Royal Institute of Technology; Ida Kristofferson, KTH Royal Institute of Technology and <u>Andre de Palma</u> , Ecole Normale Supérieure de Cachan, Paris, France Discussant: Erik Verhoef, Free University, Amsterdam, The Netherlands
18:00	Dinner (Mission Inn Hotel Restaurant)

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Saturday, January 17th, 2015

7:45-8:30	Breakfast
	Micro-econometric advances in urban economics Chair: Alex Anas, State University of New York at Buffalo, Amherst, USA
8:30-9:15	<i>Rationality and exuberance in land prices and the supply of new housing</i> <u>Alex Anas</u> , State University of New York at Buffalo, USA and Debarshi Indra, University of California at Riverside, USA Discussant: Kerry Vandell, University of California at Irvine, USA
9:15-10:00	<i>Teardowns and demolitions in Chicago, 2000-2014: A conditionally parametric approach</i> <u>Daniel McMillen</u> , University of Illinois at Urbana-Champaign, USA Discussant: David Brownstone, University of California at Irvine, USA
10:00 -10:30	Coffee break
10:30-11:15	<i>The value of urgency: evidence from congestion pricing experiments</i> <u>Antonio Bento</u> , Cornell University and the NBER, USA ; Kevin Roth, University of California at Irvine, USA and Andrew Waxman, Cornell University, USA Discussant: Genevieve Giuliano, University of Southern California, USA
11:15-12:00	<i>Choice of residence location and mode of commuting: a cross-sectional analysis of 275 US metropolitan areas</i> <u>Debarshi Indra</u> , University of California at Riverside, USA Discussant: Kenneth Small, University of California at Irvine, USA
12:00-13:00	Lunch (Oriental Courtyard)
	Traffic networks, optimization and spatial organization Chair: Richard Church, University of California at Santa Barbara, USA
13:00-13:45	<i>Determining compact and traffic constrained zones for urban and regional modeling</i> <u>Richard Church</u> , University of California at Santa Barbara, USA and Wenwen Li, Arizona State University, USA Discussant: Debarshi Indra, University of California at Riverside, USA
13:45-14:30	<i>Modeling and optimization of multimodal urban networks with limited parking and dynamic pricing</i> <u>Nikolas Geroliminis</u> and Nan Zheng, École Polytechnique Fédérale de Lausanne, France Discussant: Andre de Palma, Ecole Normale Supérieure de Cachan, Paris, France
14:30-15:00	Coffee break
15:00-15:45	<i>Characterization of travel time variability in multimodal transport networks: new results from Santiago</i> <u>Alejandro Tirachini</u> and Elsa Duran, University of Santiago, Santiago de Chile, Chile Discussant: Jonas Eliasson, KTH Royal Institute of Technology, Stockholm, Sweden
15:45-16:30	<i>Modeling traffic emissions in networks with macroscopic traffic models</i> <u>Eric J. Gonzales</u> and Rooholamin Shabihkhani, University of Massachusetts, Amherst, USA Discussant: Antonio Bento, Cornell University, USA
Dinner	This meal is on your own . For suggestions please see the informative handout.