

Wednesday
12 November 2014

8:00 AM–5:00 PM

1. Regional Economics Applications Laboratory 25th Anniversary Workshop (Invitation Only)

Wednesday Nov 12 | 8:00 AM–5:00 PM | Cabinet Suite

8:30 AM–5:00 PM

2. Workshop: Spatial Data Analysis with PySAL and GeoDaSpace *Wednesday Nov 12 | 8:30 AM–5:00 PM | Congressional Room*

Organizers and Chairs: Sergio Rey, Arizona State University; Luc Anselin, Arizona State University

3. Workshop: Computational Economics and New Economic Geography Settings *Wednesday Nov 12 | 8:30 AM–5:00 PM | Embassy Suite*

Chair: Mauricio Ramirez Grajeda, Universidad de Guadalajara

1:00 PM–4:30 PM

4. Workshop: Defining Best Practices for Economic Development Assessment and Evaluation for Food System Initiatives *Wednesday Nov 12 | 1:00 PM–4:30 PM | Potomac Suite*

4:00 PM–8:30 PM

5. Registration *Wednesday Nov 12 | 4:00 PM–8:30 PM | Crystal Ballroom Foyer*

6:45 PM–8:00 PM

6. Words of Welcome and RSAI Fellows Plenary *Wednesday Nov 12 | 6:45 PM–8:00 PM | Crystal Ballroom*

Chair: David Boyce, Northwestern University

- *The Territorial Dimension of the Knowledge Economy in Europe: Which Innovation Policies in an Era of Austerity?*, **Roberta Capello**, Politecnico di Milano

8:00 PM–9:30 PM

7. NARSC Icebreaker Reception *Wednesday Nov 12 | 8:00 PM–9:30 PM | Crystal Ballroom*

Thursday
13 November 2014

7:30 AM–5:30 PM

8. Registration and Exhibits *Thursday Nov 13 | 7:30 AM–5:30 PM | Crystal Ballroom Foyer*

8:00 AM–10:00 AM

9. Population, Labour, and Regional Science I: Migration and Human Capital *Thursday Nov 13 | 8:00 AM–10:00 AM | Ambassador Room*

Organizers: **Matthew James Roskrug**, University of Waikato; **Jacques Poot**, University of Waikato

Chair: **Bruce Newbold**, McMaster University

- *Amenity-Adjusted Teacher Salaries, Professional Tenure and Migration*, **Hongbo Wang**, Oklahoma State University; **John Winters**, Oklahoma State University; **Dan S. Rickman**, Oklahoma State University
- *Spatial Patterns of Students' Migration for Higher Education: Evidence from Greece*, **Ioannis Konstantinos Psycharis**, Panteion University of Social and Political Sciences; **Vassilis Tselios**, University of Thessaly; **Panagiotis Pantazis**, University of Thessaly
- *Migration of Graduates in Mexico*, **Norman Maldonado**, Ohio State University
- *Migration and Skill Matching: Evidence from Italy*, **Marco Percoco**, Università Bocconi
- *Going Up? Canada's Metropolitan Areas and their Role as Escalators or Stairs*, **Bruce Newbold**, McMaster University

Discussants:

Bruce Newbold, McMaster University

Hongbo Wang, Oklahoma State University

Ioannis Konstantinos Psycharis, Panteion University of Social and Political Sciences

Norman Maldonado, Ohio State University

Marco Percoco, Università Bocconi

10. Industry Location and Distribution Thursday Nov 13 | 8:00 AM–10:00 AM | Baccarat Suite

Chair: **Mark Middleton**, West Virginia University

- *Study on Spatial Pattern of Music Industry Value Chain in Seoul, South Korea*, **Boyeong Hong**, Seoul National University; **Kyung-min Kim**, Seoul National University
- *The Distinction between Two Value Chains of an Apparel Industry in Seoul*, **Sang Wook Lee**, Seoul National University; **Kyung-min Kim**, Seoul National University
- *Location Choice Analysis of Each Period for Japanese Frozen Food Industry in East Asia*, **Maria Ikegawa**, University of Tsukuba; **Yuko Akune**, Reitaku University; **Suminori Tokunaga**, Reitaku University
- *Relocation of the Automobile Industry in the United States*, **Mark Middleton**, West Virginia University
- *Market Potential, Supplier Access, Agglomeration and Location of Production Plants for Japanese Automobile Industry FDI in East Asia*, **Suminori Tokunaga**, Reitaku University; **Yuko Akune**, Reitaku University; **Maria Ikegawa**, University of Tsukuba

Discussants:

Suminori Tokunaga, Reitaku University

Boyeong Hong, Seoul National University

Sang Wook Lee, Seoul National University

Maria Ikegawa, University of Tsukuba

Mark Middleton, West Virginia University

11. Diversity and Inclusion Thursday Nov 13 | 8:00 AM–10:00 AM | Cabinet Suite

Chair: **Abigail M. Cooke**, University at Buffalo, SUNY

- *Urban Segregation and Unemployment: The Case of Marseille (France)*, **Rachel Guillain**, Université de Bourgogne; **Fanny Alivon**, Université de Bourgogne
- *The Spatial Mismatch Hypothesis across U.S. Urban Areas: A Land Use Approach*, **Kevin Kane**, Arizona State University
- *Measuring Sociospatial Diversity in Neighborhoods of Urban Mexico*, **Myrna L. Sastré Gutiérrez**, Universidad Autónoma de Coahuila
- *Employment Generation in European Regions: Reconciling Smart Growth and Social Inclusion*, **Marco Di Cataldo**, London School of Economics; **Andrés Rodríguez-Pose**, London School of Economics
- *Does Immigrant Diversity Make Urban Workers More Productive?*, **Thomas Kemeny**, University of Southampton; **Abigail M. Cooke**, University at Buffalo, SUNY

Discussants:

Abigail M. Cooke, University at Buffalo, SUNY

Rachel Guillain, Université de Bourgogne

Kevin Kane, Arizona State University

Myrna L. Sastré Gutiérrez, Universidad Autónoma de Coahuila
Marco Di Cataldo, London School of Economics

12. Aging, Families, and the Life Cycle Thursday Nov 13 | 8:00 AM–10:00 AM | Chairman's Boardroom

Chair: **Amara Soonthorndhada**, Mahidol University

- *Components of Household Consumption Expenditure by Age Groups in Brazil*, **Flaviane Souza Santiago**, Federal University of Minas Gerais; **Mônica Viegas Andrade**, Federal University of Minas Gerais; **Edson Paulo Domingues**, Federal University of Minas Gerais
- *Consumption over the Life Cycle: Differences among Mexican States*, **Alberto Hernandez Morales**, Cornell University
- *A Financial Social Accounting Matrix (FSAM) Detailed by Households for Brazil: An Application to Investigate the Effects of the Cash Transfer Policy Called "Bolsa Familia"*, **Debora Freire Cardoso**, Federal University of Minas Gerais; **Edson Paulo Domingues**, Federal University of Minas Gerais; **Gustavo Britto**, Federal University of Minas Gerais
- *The Prodigal Son: Does the Younger Brother Take Care of his Parents?*, **Mizuki Komura**, Nagoya University; **Hikaru Ogawa**, Nagoya University
- *Situational Stressors: A Preliminary Analysis Predicting Elder Abuse or Neglect in Thailand*, **Amara Soonthorndhada**, Mahidol University

Discussants:

Amara Soonthorndhada, Mahidol University
Flaviane Souza Santiago, Federal University of Minas Gerais
Alberto Hernandez Morales, Cornell University
Debora Freire Cardoso, Federal University of Minas Gerais
Mizuki Komura, Nagoya University

13. Spatial Analysis Methods I Thursday Nov 13 | 8:00 AM–10:00 AM | Diplomat Room

Chair: **Daisuke Murakami**, National Institute for Environmental Studies

- *Distance-Based Measures of Spatial Concentration: Introducing a Relative Density Function*, **Gabriel Lang**, AgroParisTech; **Eric Marcon**, AgroParisTech; **Florence Puech**, Université Paris-Sud
- *Exploratory Spatial Data Analysis: An Extension of Moran's I Statistic for Panel Data*, **Maria Viviana Freitas**, Rural Federal University of Rio de Janeiro; **Joilson Assis Cabral**, Rural Federal University of Rio de Janeiro; **Luiz Fernando Loureiro Legey**, Federal University of Rio de Janeiro
- *Investigating the Dynamic Spillover Effects of Low-Cost Airlines through Spatio-Temporal Regression Models*, **Dapeng Zhang**, Rensselaer Polytechnic Institute; **Xiaokun (Cara) Wang**, Rensselaer Polytechnic Institute
- *Urban Structure Analysis with Large Spatiotemporal Data: An Extension of the Eigenvector Spatiotemporal Filtering (ESFT) Approach*, **Daisuke Murakami**, National Institute for Environmental Studies; **Yoshiki Yamagata**, National Institute for Environmental Studies
- *Social Network Analysis for Innovative Urban Competitiveness*, **Pedro G. Carvalho**, Universidade Beira Interior (CIDESD)

Discussants:

Pedro G. Carvalho, Universidade Beira Interior (CIDESD)
Florence Puech, Université Paris-Sud
Maria Viviana Freitas, Rural Federal University of Rio de Janeiro
Dapeng Zhang, Rensselaer Polytechnic Institute
Daisuke Murakami, National Institute for Environmental Studies

14. NARSC Council Meeting (Invitation Only) Thursday Nov 13 | 8:00 AM–10:00 AM | Executive Boardroom

15. Poverty and Inequality Thursday Nov 13 | 8:00 AM–10:00 AM | Patuxent Suite

Chair: **Clare Y. Cho**, Ohio State University

- *Globalization and Poverty: The Case of the Apparel Sector in Colombia*, **William Orlando Prieto**, Catholic University
- *Income Inequality and the Appalachian Region Before, During and After the Great Recession*, **John Hisnanick**, U.S. Census Bureau

- *Understanding the Evolution of Rural Child Poverty: 2003-2012*, **Thomas Hertz**, USDA, Economic Research Service; **Tracey Farrigan**, USDA, Economic Research Service
- *The Effects of Changing Rural Population on Socio-Economic Development: A Review*, **Oladayo Ramon Ibrahim**, Lagos State Polytechnic
- *Does TANF Participation Exhibit Regional Variation in Welfare Dependence?*, **Clare Y. Cho**, Ohio State University

Discussants:

Clare Y. Cho, Ohio State University
William Orlando Prieto, Catholic University
John Hisnanick, U.S. Census Bureau
Thomas Hertz, USDA, Economic Research Service
Oladayo Ramon Ibrahim, Lagos State Polytechnic

16. Climate Change and Development Thursday Nov 13 | 8:00 AM–10:00 AM | Potomac Suite

Chair: **Yuzuru Miyata**, Toyohashi University of Technology

- *Climate Action Plans -- Fact or Fiction? Evidence From Maryland*, **Timothy Welch**, Georgia Institute of Technology
- *Environmental Sustainability and Resilience through Regional Development and Transportation Planning*, **Christopher Harding**, University of Toronto; **Eric J. Miller**, University of Toronto; **Luis F. Miranda-Moreno**, McGill University; **S. Amir Zahabi**, McGill University
- *Functional Green Infrastructure Planning in New York City*, **Jennifer Cherrier**, Florida A&M University; **Jose Pillich**, CUNY Graduate Center; **Yehuda L. Klein**, Brooklyn College
- *Economic Impact and CO2 Emissions of Electric Vehicle Society in Toyohashi City in Japan*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology
- *Energy Implications of Land Use and Transportation Policies in Brazil*, **Andressa Lemes Proque**, Federal University of Bahia; **Gervásio Ferreira Dos Santos**, Federal University of Bahia

Discussants:

Gervásio Ferreira Dos Santos, Federal University of Bahia
Timothy Welch, Georgia Institute of Technology
Christopher Harding, University of Toronto
Yehuda L. Klein, Brooklyn College
Yuzuru Miyata, Toyohashi University of Technology

17. Capturing Disaster and Climate Change Impacts Thursday Nov 13 | 8:00 AM–10:00 AM | Severn Suite

Chair: **Tatiane Ameida de Menezes**, Federal University of Pernambuco Brazil

- *Measuring of Indirect Losses of Natural Disasters: The Case of Great East Japan Earthquake*, **Nariyasu Yamasawa**, Atomi University
- *The Regional Economic Accounting Tool (REAcct): Updates and Extensions*, **Vanessa N. Vargas**, Sandia National Laboratories; **Bern Caudill Dealy**, University of New Mexico; **Braeton J. Smith**, Sandia National Laboratories
- *Externality of Stigmatized Property*, **Taisuke Sadayuki**, University of Illinois, Urbana-Champaign
- *A Study on Port Function Continuity against Large-Scale Earthquake Disaster Considering Linkages of Agents*, **Eizo Hideshima**, Nagoya Institute of Technology
- *Impacts of Climate Change on Dengue Risk in Brazil*, **Tatiane Ameida de Menezes**, Federal University of Pernambuco Brazil; **Paula Carvalho Pereda**, University of São Paulo; **Denisard C. Alves**, University of São Paulo

Discussants:

Tatiane Ameida de Menezes, Federal University of Pernambuco Brazil
Nariyasu Yamasawa, Atomi University
Vanessa N. Vargas, Sandia National Laboratories
Taisuke Sadayuki, University of Illinois, Urbana-Champaign
Eizo Hideshima, Nagoya Institute of Technology

18. Trade Topics Thursday Nov 13 | 8:00 AM–10:00 AM | Susquehanna Suite

Chair: **Hajime Takatsuka**, Kagawa University

- *A Methodology with the Intra-Industry Trade Index as a Tool for Determination of a Country's Exports*, **Hernan Ocampo Solarte**, Universidad Autonoma de Occidente
- *Trade, Competition and R&D under Variable Elasticity of Substitution*, **Sergey Kokovin**, NRU HSE, NRU NSU, Institute of Mathematics SB RAS; **Igor Bykadorov**, IM SB RAS, NRU NSU, NRU HSE; **Mathieu Parenti**, CORE
- *The Home Market Effect: Beyond the Constant Elasticity of Substitution*, **Ching-mu Chen**, Tohoku University; **Dao-Zhi Zeng**, Tohoku University
- *An Intranational Examination of the Global Slack Hypothesis*, **Mark Wynne**
- *Mobile Capital, Optimal Tariff, and Welfare Loss from Tariff Competition*, **Hajime Takatsuka**, Kagawa University; **Dao-Zhi Zeng**, Tohoku University

Discussants:

Hajime Takatsuka, Kagawa University
Hernan Ocampo Solarte, Universidad Autonoma de Occidente
Sergey Kokovin, NRU HSE, NRU NSU, Institute of Mathematics SB RAS
Ching-mu Chen, Tohoku University
Mark Wynne

19. GeoComputation 1: Spatial Analysis 1 Thursday Nov 13 | 8:00 AM–10:00 AM | Waterford Suite

Organizers: **Andrew Crooks**, George Mason University; **Jean-Claude Thill**, University of North Carolina, Charlotte

Chair: **Belinda Archibong**, Columbia University

- *Adjusted Variance Estimates in Eigenvector Spatial Filtering*, **Yongwan Chun**, University of Texas, Dallas; **Daniel A. Griffith**, University of Texas, Dallas
- *Urban Sprawl in Spain: Differences among Cities and Causes*, **Fernando Rubiera-Morollón**, University of Oviedo
- *Accounting for Facility Crowding in Individual-Based Estimates of Accessibility*, **Mario Reyes**, McMaster University; **Antonio Paez**, McMaster University; **Catherine Morency**, Ecole Polytechnique
- *Geography of Infrastructure Functionality at Schools in Nigeria: Evidence from Spatial Data Analysis Across Local Government Areas*, **Belinda Archibong**, Columbia University

Discussants:

Belinda Archibong, Columbia University
Yongwan Chun, University of Texas, Dallas
Fernando Rubiera-Morollón, University of Oviedo
Mario Reyes, McMaster University

20. Regional/Rural Development I: The Geography of Inequality and Income Mobility I: Inequality Thursday Nov 13 | 8:00 AM–10:00 AM | Haverford Suite

Organizers: **Stephan Goetz**, Pennsylvania State University; **Scott Loveridge**, Michigan State University; **Bruce Weber**, Oregon State University; **Stephan Weiler**, Colorado State University; **Sarah Low**, USDA, Economic Research Service

Chair: **Bruce Weber**, Oregon State University

- *Quasi-Experimental Estimates of Neighborhood Effects on Children's Long-Term Outcomes*, **Raj Chetty**, Harvard University; **Nathaniel Hendren**, Harvard University
- *Inequality and Poverty across the United States Assessing Economic Disparities across Counties in the Pre and Post-Recession Periods*, **Mike Betz**, Ohio State University; **Linda Lobao**, Ohio State University; **Mark D. Partridge**, Ohio State University
- *Does Resource Extraction Activity Affect Income Inequality across Space? Evidence from Resource Rich Countries and Regions*, **David Fleming**, CSIRO
- *The Role County-Level Inequality in Determining Rural Substance Abuse Rates*, **Assa Dembele**, Michigan State University; **Scott Loveridge**, Michigan State University

Discussants:

Stephan Goetz, Pennsylvania State University
Bruce Weber, Oregon State University
Scott Loveridge, Michigan State University
Minghao Li, Pennsylvania State University

21. SNAP and the Rural Economy Thursday Nov 13 | 8:00 AM–10:00 AM | Lalique Suite

Organizers: John Pender, U.S. Department of Agriculture; Jessica Todd, U.S. Department of Agriculture; Jeff Reimer, Oregon State University

Chair: John Pender, U.S. Department of Agriculture

- *The Supplemental Nutrition Assistance Program in Urban and Rural Contexts*, Eric Williams, U.S. Department of Agriculture; Danielle Berman, U.S. Department of Agriculture
- *A Comparison of Determinants of Participation and Characteristics of SNAP Households in Rural and Urban Areas*, Jessica Todd, U.S. Department of Agriculture; James Boohaker, U.S. Department of Agriculture
- *Determinants of SNAP Participation in Nonmetro and Metro Counties*, John Pender, U.S. Department of Agriculture; Young Jo, University of Illinois, Urbana-Champaign; Cristina Miller, U.S. Department of Agriculture; Leah Williams
- *Effects of the Supplemental Nutrition Assistance Policy on Rural and Urban Areas in Oregon*, Jeff Reimer, Oregon State University; Senal Weerasooriya; Katherine Ralston, U.S. Department of Agriculture

Discussants:

John Pender, U.S. Department of Agriculture

Jessica Todd, U.S. Department of Agriculture

Jeff Reimer, Oregon State University

Eric Williams, U.S. Department of Agriculture

22. Regional Development I: Agglomeration and Diversity Thursday Nov 13 | 8:00 AM–10:00 AM | Cartier Salon

Organizers: Alessandra Faggian, Ohio State University; Elizabeth Mack, Arizona State University

Chair: Steve Deller, University of Wisconsin, Madison

- *Diversified Experience: What's in It for Me?*, Maureen Kilkenny; Mikaela Backman, Jönköping International Business School
- *Agglomeration Economies and Urban Growth: Endogenous Threshold and Structural Evolution*, Roberto Camagni, Politecnico di Milano; Roberta Capello, Politecnico di Milano; Andrea Caragliu, Politecnico di Milano
- *Agglomeration and Informality: Evidence from Peruvian Firms*, Carlianne Patrick, Georgia State University; Maria Bernedo, Georgia State University
- *The Relationship between Economic Base Diversity and Stability in a Regional Economy: An Application to the Rocky Mountain Region*, Phil Watson, University of Idaho; Steve Deller, University of Wisconsin, Madison; Stephen Cooke, IMPLAN, Inc; David D. Kay, IMPLAN Group LLC

Discussants:

Roberta Capello, Politecnico di Milano

Carlianne Patrick, Georgia State University

Steve Deller, University of Wisconsin, Madison

Mikaela Backman, Jönköping International Business School

23. PySAL for Regional Science Research Thursday Nov 13 | 8:00 AM–10:00 AM | Embassy Suite

Organizer and Chair: Sergio Rey, Arizona State University

- *The Many Faces of Spatial Regression in PySAL*, Luc Anselin, Arizona State University; Sergio Rey, Arizona State University; Pedro Amaral, Universidade Federal de Minas Gerais; Daniel Arribas-Bel, University of Birmingham; David C. Folch, Florida State University; Robert Pahle, GeoDa Center; Philip Stephens, Arizona State University; Xun Li, GeoDa Center
- *Spatial Intelligence Analysis with Geo-Explorers and PySAL*, Shuming Bao, University of Michigan; Bing She, University of Michigan; Xinyue Ye, Kent State University
- *ClusterPy and PySAL Integration*, Juan C. Duque, RiSE-group. EAFIT University; Sergio Rey, Arizona State University
- *Development of a RESTful API for the Python Spatial Analysis Library*, Jason Laura, Arizona State University; Philip Stephens, Arizona State University; Sergio Rey, Arizona State University

Discussant:

Mark V. Janikas, ESRI

24. UEA 01A: Firm Location *Thursday Nov 13 | 8:00 AM–10:00 AM | Congressional Room*

Chair: Kristian Behrens, Univ. du Québec à Montréal

- *The Spatial Extent and the Industrial Structure of Canadian Multiplant Firms*, **Kristian Behrens**, Univ. du Québec à Montréal; **Vera Sharunova**, NRU-HSE
- *Highway to Success: The Impact of the Golden Quadrilateral Project for the Location and Performance of Indian Manufacturing*, **Ejaz Ghani**; **Arti Grover Goswami**; **William Robert Kerr**, Harvard University
- *Spatial Coordinations among Industries and the Common Power Law for City Size Distributions*, **Takashi Akamatsu**, Graduate School of Information Sciences; **Tomoya Mori**, Kyoto University; **Yuki Takayama**, Ehime University
- *Making the Move: The Impact of the 1906 San Francisco Disaster on Firm Relocations*, **James Siodla**, Colby College

Discussants:

Tomoya Mori, Kyoto University

James Siodla, Colby College

Kristian Behrens, Univ. du Québec à Montréal

William Robert Kerr, Harvard University

25. UEA 01C: Housing, Credit and Supply *Thursday Nov 13 | 8:00 AM–10:00 AM | Judiciary Suite*

Chair: Kyle Mangum, Georgia State University

- *Why Did So Many Subprime Borrowers Default During the Crisis: Loose Credit or Plummeting Prices?*, **Christopher Palmer**, University of California, Berkeley
- *The Effect of Credit Availability on House Prices: An Instrumental Variable and Difference-in-Differences Approach*, **Edward Kung**, University of California, Los Angeles
- *The Interest Rate Elasticity of Mortgage Demand: Evidence from Bunching at the Conforming Loan Limit*, **Anthony A. DeFusco**, The Wharton School, Univ of Pennsylvania; **Andrew Paciorek**, Federal Reserve Board of Governors
- *Temporal Variation in Housing Supply Elasticity*, **Taha Kasim**, Georgia State University; **Kyle Mangum**, Georgia State University

Discussants:

Kyle Mangum, Georgia State University

Anthony A. DeFusco, The Wharton School, Univ of Pennsylvania

Christopher Palmer, University of California, Berkeley

Edward Kung, University of California, Los Angeles

26. UEA 01B: Government Spending and Transfers *Thursday Nov 13 | 8:00 AM–10:00 AM | Old Georgetown Room*

Chair: Jordi Jofre-Monseny, Universitat de Barcelona

- *Local Multipliers of Public Employment: Long-Run Evidence from the Late Development of the Spanish Public Sector*, **Jordi Jofre-Monseny**, Universitat de Barcelona; **Jose I. Silva**, University of Kent and Universitat de Girona; **Javier Vazquez-Grenno**, University of Barcelona
- *Local Multipliers in Local Labour Markets: Evidence from the Move of the German Government to Berlin*, **Giulia Faggio**, London School of Economics; **Teresa Schlueter**, London School of Economics; **Philipp vom Berge**, Institute for Employment Research; **Stefan Bender**, IAB
- *A Notch Above: Local Government Responses to Transfer Schemes*, **Dirk Foremny**, University of Barcelona / IEB; **Jordi Jofre-Monseny**, Universitat de Barcelona; **Albert Sole Olla**, University of Barcelona & Institut d'Economia de Barcelona
- *The Effect of Urbanization on the Technology of Governance*, **Steven Craig**, University of Houston; **Edward Hoang**, University of Colorado, Colorado Springs; **Janet Kohlhase**, University of Houston

Discussants:

Giulia Faggio, London School of Economics

Dirk Foremny, University of Barcelona / IEB

Janet Kohlhase, University of Houston

Jordi Jofre-Monseny, Universitat de Barcelona

10:00 AM–10:30 AM

27. Coffee Break Thursday Nov 13 | 10:00 AM–10:30 AM | Crystal Ballroom Foyer

10:30 AM–12:00 PM

28. NARSC Presidential Plenary Thursday Nov 13 | 10:30 AM–12:00 PM | Lalique Suite

Chair: Neil Reid, University of Toledo

- *The Demography of Commuting: How Population Groups Create and Respond to Cities*, **Janice F. Madden**, University of Pennsylvania

10:30 AM–12:30 PM

29. UEA 02D: Urban Travel and Within-City Interactions Thursday Nov 13 | 10:30 AM–12:30 PM | Cabinet Suite

Chair: Matthew Turner, Brown University

- *Spatial and Social Frictions in the City: Evidence from Yelp*, **Donald R. Davis**, Columbia University; **Jonathan I. Dingel**, University of Chicago; **Joan Monras**, Sciences Po; **Eduardo Morales**, Princeton University
- *Public Transit and Urban Growth*, **Marco Gonzalez-Navarro**, University of Toronto; **Matthew Turner**, Brown University
- *Congestion in the Bathtub*, **Mogens Fosgerau**, Technical University of Denmark

Discussants:

Mogens Fosgerau, Technical University of Denmark

Donald R. Davis, Columbia University

Matthew Turner, Brown University

30. UEA 02A: Advances in Theory and Empirical Methods Thursday Nov 13 | 10:30 AM–12:30 PM | Congressional Room

Chair: Frederic Robert-Nicoud, University of Geneva

- *Toward a Theory of Monopolistic Competition*, **Jacques Thisse**, CORE
- *Equilibrium and Optimal Allocations with Heterogenous Urban Land*, **Kristian Behrens**, Univ. du Québec à Montréal; **Frederic Robert-Nicoud**, University of Geneva
- *Optimal Taxation on Immobile and Mobile Commodities in a Spatial Setting*, **Tatsuhito Kono**, Tohoku University; **David Pines**, Eitan Berglas School of Economics
- *Testing for Localization Using Micro-Geographic Data: A New Approach*, **Yasusada Murata**, Nihon University; **Ryo Nakajima**, Keio University; **Ryuichi Tamura**, Hitotsubashi University

Discussants:

Yasusada Murata, Nihon University

Jacques Thisse, CORE

Frederic Robert-Nicoud, University of Geneva

Tatsuhito Kono, Tohoku University

31. UEA 02C: Housing, Transactions and Prices Thursday Nov 13 | 10:30 AM–12:30 PM | Judiciary Suite

Chair: Raven Molloy, Federal Reserve Board of Governors

- *Buying First or Selling First in Housing Markets*, **Espen Rasmus Moen**, Norwegian Business School-BI; **Plamen Nenov**, Norwegian Business School (BI)
- *Large-Scale Buy-to-Rent Investor Activity in the U.S. Single-Family Housing Market*, **James Mills**, Amherst Holdings; **Raven Molloy**, Federal Reserve Board of Governors; **Rebecca Zarutskie**, Federal Reserve Board
- *How Sensitive are Sales Prices to Online Price Estimates in the Real Estate Market?*, **Yong Suk Lee**, Stanford University; **Yuya Sasaki**, Johns Hopkins University
- *The Repeat Rent Index*, **Brent Ambrose**, The Pennsylvania State University; **Edward Coulson**, University of Nevada, Las Vegas; **Jiro Yoshida**, Penn State

Discussants:

Yong Suk Lee, Stanford University
Edward Coulson, University of Nevada, Las Vegas
Plamen Nenov, Norwegian Business School (BI)
Raven Molloy, Federal Reserve Board of Governors

32. UEA 02B: Agglomeration Thursday Nov 13 | 10:30 AM–12:30 PM | Old Georgetown Room

Chair: **Joshua Gottlieb**, University of British Columbia

- *Firm Sorting and Agglomeration*, **Cecile Gaubert**, Princeton University
- *Agglomeration and Quality*, **Joshua Gottlieb**, University of British Columbia; **Dmitry Shkolnik**, University of British Columbia
- *Big Plant Closures and Agglomeration Economies*, **Jordi Jofre-Monseny**, Universitat de Barcelona; **María Sánchez Vidal**, Universitat de Barcelona & Institut d'Economia de Barcelona; **Elisabet Viladecans-Marsal**, Universitat de Barcelona & Institut d'Economia de Barcelona
- *Agglomeration, Transport Infrastructure and Welfare*, **Coen Teulings**, CPB Netherlands Bureau for Economic; **Henri de Groot**

Discussants:

Joshua Gottlieb, University of British Columbia
María Sánchez Vidal, Universitat de Barcelona & Institut d'Economia de Barcelona
Ioulia Ossokina, CPB Netherlands Bureau for Economic
Cecile Gaubert, Princeton University

12:00 PM–1:30 PM

33. PRSCO Council (Invitation Only) Thursday Nov 13 | 12:00 PM–1:30 PM | Cartier Salon

1:30 PM–3:30 PM

34. Population, Labour, and Regional Science II: Aspects of Population Decline I Thursday Nov 13 | 1:30 PM–3:30 PM | Ambassador Room

Organizers: **Rachel S. Franklin**, Brown University; **Eveline S. van Leeuwen**, VU University Amsterdam; **Matthew James Roskrige**, University of Waikato

Chair: **Eveline S. van Leeuwen**, VU University Amsterdam

- *For Whom the Bells Toll: Alonso and the Regional Science of Population Decline*, **Eveline S. van Leeuwen**, VU University Amsterdam; **Rachel S. Franklin**, Brown University
- *Bells in Space: Regional and Personal Income Inequality Dynamics Revisited*, **Sergio Rey**, Arizona State University
- *Labour Productivity Growth as Panacea for Ageing? How The Netherlands Can Keep Up Its Level of Welfare*, **Jouke van Dijk**, University of Groningen
- *Connecting Segregation, Population Growth and Decline, and the Built Environment Across the American Urban Landscape*, **Benjamin Bellman**, Brown University; **Seth Spielman**, University of Colorado, Boulder
- *Urban Shrinkage in Germany: Economic vs. Demographic Perspective*, **Florian W. Bartholomae**, Bundeswehr University Munich; **Alina M. Schoenberg**, Bundeswehr University Munich

Discussants:

Benjamin Bellman, Brown University
Eveline S. van Leeuwen, VU University Amsterdam
Sergio Rey, Arizona State University
Florian W. Bartholomae, Bundeswehr University Munich
Jouke van Dijk, University of Groningen

35. Firm Formation and Performance I Thursday Nov 13 | 1:30 PM–3:30 PM | Baccarat Suite

Chair: **Roldan Andres Rosales**, National Autonomous University of Mexico

- *The Influence of Related and Unrelated Variety on Firm Performance across European Urban and Rural Regions*, **Pia Nilsson**, Jönköping International Business School (JIBS); **Hans Westlund**, Royal Institute of Technology (KTH); **Lucia Naldi**, Jönköping International Business School
- *Venture Capital Investment and Portfolio Firm Performance: An Analysis of Domestic and Cross-Border Syndication Networks*, **Katja Bringmann**, University of Antwerp; **Ann Verhetsel**, University of Antwerp; **Thomas Vanoutrive**, University of Antwerp
- *The Role of Production Adaptation in Firms' Performance Abroad: Evidence from Japanese Multinationals*, **Laura Hering**, Erasmus School of Economics; **Tomohiko Inui**, Gakushuin University; **Loriane Py**
- *Effect of "Negative Clusters" on Productivity: The Case of Ukrainian Manufacturing Firms*, **Volodymyr Vakhitov**, Kyiv School of Economics and Higher School of Economics
- *SMEs' Productivity in the Mexican Regions: A Spatial Panel Data Approach*, **Roldan Andres Rosales**, National Autonomous University of Mexico; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign

Discussants:

Roldan Andres Rosales, National Autonomous University of Mexico

Pia Nilsson, Jönköping International Business School

Katja Bringmann, University of Antwerp

Laura Hering, Erasmus School of Economics

Volodymyr Vakhitov, Kyiv School of Economics and Higher School of Economics

36. Gender and Labor Markets Thursday Nov 13 | 1:30 PM–3:30 PM | Chairman's Boardroom

Chair: Hildegunn Stokke, Norwegian University of Science and Technology

- *Marital Matching and Employment of Latin American Women: A Comparative Analysis*, **Dafeng Xu**, Cornell University
- *Migration of Power Couples: Recent Evidence from the American Community Surveys*, **Curtis J. Simon**, Clemson University
- *Female Labor Supply and Paid Leave Policies: Evidence from a State Border Analysis*, **Nuno Abreu Faro e Mota**, Syracuse University
- *The Gender Wage Gap in Norway*, **Hildegunn Stokke**, Norwegian University of Science and Technology

Discussants:

Hildegunn Stokke, Norwegian University of Science and Technology

Dafeng Xu, Cornell University

Curtis J. Simon, Clemson University

Nuno Abreu Faro e Mota, Syracuse University

37. Spatial Analysis Methods II Thursday Nov 13 | 1:30 PM–3:30 PM | Diplomat Room

Chair: Andre Fernandes Tomon Avelino, University of Illinois, Urbana-Champaign

- *Correcting Overglow in Nighttime Lights Data*, **Alexei Sisulu Abrahams**, Brown University; **Nancy Lozano-Gracia**, World Bank; **Christopher Oram**
- *Predicting the Categorical Value of Points Using an Inexact Topological Measure*, **Timothy F. Leslie**, George Mason University; **Arie Croitoru**, George Mason University; **Aaron Mulhollen**, George Mason University
- *Modelling Urban Growth and Land-Use Change Based on GIS and Cellular Automata: Application of SLEUTH to the City of Heraklion, Greece*, **Yorgos N. Photis**, National Technical University of Athens
- *Space-Time Crime Clusters: Detection, Visualization, and Statistical Testing Using Space-Time Kernel Density Estimation*, **Monghyeon Lee**, University of Texas, Dallas; **Hyeongmo Koo**, University of Texas, Dallas; **Yongwan Chun**, University of Texas, Dallas
- *Goldilocks and the Grid: Scale Selection and Other Spatial Considerations When Evaluating Forest Conservation Policies*, **Andre Fernandes Tomon Avelino**, University of Illinois, Urbana-Champaign; **Kathy Baylis**, University of Illinois, Urbana-Champaign; **Jordi Honey-Roses**, University of British Columbia

Discussants:

Andre Fernandes Tomon Avelino, University of Illinois, Urbana-Champaign

Alexei Sisulu Abrahams, Brown University

Timothy F. Leslie, George Mason University
Yorgos N. Photis, National Technical University of Athens
Monghyeon Lee, University of Texas, Dallas

38. Estimating Economic Impacts Thursday Nov 13 | 1:30 PM–3:30 PM | Embassy Suite

Chair: David D. Kay, IMPLAN Group LLC

- *An Input-Output Analysis of the Impact of Federally-Funded Investments in Science, Research and Technology in Arizona*, **Jaewon Lim**, University of Nevada, Las Vegas; **Sandy Dall Erba**, University of Arizona
- *Ethanol and Gasoline Tax Policies and Their Impacts over the Brazilian Economy*, **Cinthia C. Costa**, Embrapa; **Heloisa L. Burnquist**, University of São Paulo; **Joaquim J.M. Guilhoto**, University of São Paulo
- *Analysis of Regional and Inter-Regional Economic Impacts of the Sporting Mega Events Based in Rio de Janeiro*, **Joilson Assis Cabral**, Rural Federal University of Rio de Janeiro; **Maria Viviana Freitas**, Rural Federal University of Rio de Janeiro; **Thandara Maria Kathleen Silva**, Rural Federal University of Rio de Janeiro
- *The Impacts of Temporary and Anticipated Tourism Spending*, **Grant J. Allan**, University of Strathclyde; **Patrizio Lecca**, University of Strathclyde; **Kim Swales**, University of Strathclyde
- *Economic Impacts of the U.S. EB-5 Immigration Program (2010-2012)*, **David D. Kay**, IMPLAN Group LLC

Discussants:

David D. Kay, IMPLAN Group LLC
Jaewon Lim, University of Nevada, Las Vegas
Joaquim J.M. Guilhoto, University of São Paulo
Joilson Assis Cabral, Rural Federal University of Rio de Janeiro
Grant J. Allan, University of Strathclyde

39. Topics in Regional Science Thursday Nov 13 | 1:30 PM–3:30 PM | Executive Boardroom

Chair: Ledia Guci, Bureau of Economic Analysis

- *Big Data for Regional Science: New or Old Opportunities and Challenges?*, **Laurie A. Schintler**, George Mason University
- *The Spatial Diffusion of 90-Day Mortgage Delinquency Rates*, **Maurice Champagne**, George Mason University
- *International Trade and Emissions: A Miyazawa Approach*, **Vinicius A. Vale**, Federal University of Juiz de Fora; **Fernando Salgueiro Perobelli**, Federal University of Juiz de Fora; **Ariaster B. Chimelli**, Ohio University
- *Sustainable Transportation and Urban Development*, **Daniel Shefer**, Technion -- Israel Institute of Technology
- *Prototype Personal Consumption Expenditures by State*, **Carol Robbins**, Bureau of Economic Analysis; **Ledia Guci**, Bureau of Economic Analysis; **Christopher Lucas**, BEA; **Christian Awuku-Budu**, BEA

Discussants:

Ledia Guci, Bureau of Economic Analysis
Laurie A. Schintler, George Mason University
Maurice Champagne, George Mason University
Vinicius A. Vale, Federal University of Juiz de Fora
Daniel Shefer, Technion -- Israel Institute of Technology

40. Location Decision-Making Thursday Nov 13 | 1:30 PM–3:30 PM | Lalique Suite

Chair: Riccardo Crescenzi, London School of Economics

- *Geographic Concentration of Cross-Border Mergers and Acquisitions in the United States: Cherry Picking between Locations*, **Steven Brakman**, University of Groningen; **Harry Garretsen**, University of Groningen; **Charles van Marrewijk**, University of Utrecht
- *Survival Analysis of New Firms: The Influence of Regional and Local Concentration*, **Yu Qiao**, University of Maryland; **Chengri Ding**, University of Maryland, College Park

- *The Location Strategies of Multinationals from Emerging Countries in the E.U. Regions*, **Riccardo Crescenzi**, London School of Economics; **Roberta Rabellotti**, Università di Pavia; **Carlo Pietrobelli**, IADB
- *Evolution of Foreign Direct Investment in China in the Context of Urbanization: Roles of Population in FDI Location and Determinants*, **Hao Huang**, University of Utah

Discussants:

Hao Huang, University of Utah
Steven Brakman, University of Groningen
Yu Qiao, University of Maryland
Riccardo Crescenzi, London School of Economics

41. Housing and Income Inequality Thursday Nov 13 | 1:30 PM–3:30 PM | Patuxent Suite

Chair: Shohei Nakamura, Harvard University

- *Understanding How Income Inequality Affects the Spatial Structure of a Modern American City*, **Ievgenii L. Kudko**, SUNY-Buffalo; **Debarshi Indra**, SUNY-Buffalo
- *Where Do Slum Dwellers Locate and Why? Evidence from Brazil*, **Lucas F. Mation**, Instituto de Pesquisa Econômica Aplicada; **Daniel Da Mata**, IPEA; **Vanessa G. Nadalin**, IPEA
- *Contexts and Implications of Informal Settlements in Peri-Urban Areas in Korea: Case of Seoul?*, **Jae-Hyeon Park**, Korea Research Institute for Human Settlements; **Hogeun Park**, Michigan State University
- *Measuring and Monitoring Housing Deprivations in Developing Countries: An Alternative Approach to Slum Enumeration*, **Amit Patel**, George Mason University; **Namesh Killemsetty**,
- *Impact of Slum Legalization without Titles on Housing Transformation: A Case of Slum Declaration in Pune, India*, **Shohei Nakamura**, Harvard University

Discussants:

Shohei Nakamura, Harvard University
Ievgenii L. Kudko, SUNY-Buffalo
Lucas F. Mation, Instituto de Pesquisa Econômica Aplicada
Jae-Hyeon Park, Korea Research Institute for Human Settlements
Amit Patel, George Mason University

42. Transport Policy Thursday Nov 13 | 1:30 PM–3:30 PM | Potomac Suite

Chair: Maria Dementyeva, VU University Amsterdam

- *Supplying Transit Services beyond Municipal Boundaries in China*, **Jiawen Yang**, Peking University
- *Investigation of Interactions between Freight Carriers and Receivers from the Perspective of Toll Increases Passage Based on a Hypothetical Toll Increases Survey*, **Dapeng Zhang**, Rensselaer Polytechnic Institute; **Xiaokun (Cara) Wang**, Rensselaer Polytechnic Institute
- *Understanding the Interactions of States for Highway Public-Private Partnerships: A Preliminary Analysis*, **Nobuhiko Daito**, George Mason University; **Jonathan L. Gifford**, George Mason University
- *The Role of Insurance Premiums in Internalization of Road Accident Externalities in Presence of Congested Traffic*, **Maria Dementyeva**, VU University Amsterdam; **Erik Verhoef**, VU University Amsterdam

Discussants:

Maria Dementyeva, VU University Amsterdam
Jiawen Yang, Peking University
Dapeng Zhang, Rensselaer Polytechnic Institute
Nobuhiko Daito, George Mason University

43. Environmental Issues Thursday Nov 13 | 1:30 PM–3:30 PM | Severn Suite

Chair: Henk Folmer, University of Groningen

- *Optimal Urban Stormwater Management Policy in a Dynamic Setting*, **Amy Ando**; **Olesya Savchenko**, University of Illinois, Urbana Champaign
- *State Tax Breaks for Conservation: Do They Work?*, **Maria Edisa Soppelsa**, University of Illinois, Urbana-Champaign
- *Simulation of Two-Region Growth under Resource Constraints*, **Zheng Wang**; **Li Teng**; **Di Cai**

- *An Analytic Hierarchy Process (AHP) Approach for Select the Best Type of Road Construction in Critical Area*, **Any Wahyuni**, Toyohashi University of Technology; **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology
- *Air Pollution and Perception-Based Averting Behavior: The Case of the Jinchuan Mining Area, China*, **Henk Folmer**, University of Groningen

Discussants:

Henk Folmer, University of Groningen
Olesya Savchenko, University of Illinois, Urbana Champaign
Maria Edisa Soppelsa, University of Illinois, Urbana- Champaign
Zheng Wang
Any Wahyuni, Toyohashi University of Technology

44. Regional Economic Development I Thursday Nov 13 | 1:30 PM–3:30 PM | Susquehanna Suite

Chair: Gunawan Wicaksono, Cornell University

- *A Regional Dynamic Shift-Share Analysis of Long-Run Trends in the Austrian Tourism Sector*, **Oliver M. Fritz**, WIFO; **Matthias Firgo**, Austrian Institute of Economic Research
- *The Impact of Economic Crisis on Regional Economic Development: Evidence from Greece*, **Ioannis Konstantinos Psycharis**, Panteion University of Social and Political Sciences; **Vassilis Tselios**, University of Thessaly
- *The Impact of Infrastructures on Sub-National Economic Development: The Case of Indonesia*, **Fauziah S. Anshory Zen**, Economic Research Institute for ASEAN and East Asia (ERIA); **Riatu M. Qibthiyyah**, University of Indonesia
- *Evaluating the Structure of Indonesian Economy since 1970s: Have We Been on the Right Direction?*, **Gunawan Wicaksono**, Cornell University
- *Specialization and Diversification of Regions with Respect to Manufacturing*, **Ferhan Gezici-Korten**, Istanbul Technical University; **Zeynep Elburz**, Dokuz Eylul University

Discussants:

Ferhan Gezici-Korten, Istanbul Technical University
Oliver M. Fritz, WIFO
Ioannis Konstantinos Psycharis, Panteion University of Social and Political Sciences
Riatu M. Qibthiyyah, University of Indonesia **Gunawan Wicaksono**, Cornell University

45. Agricultural Issues: Methods and Applications Thursday Nov 13 | 1:30 PM–3:30 PM | Tiffany Salon

Chair: Tisorn Songsermsawas, University of Illinois

- *Agglomeration Economies in the U.S. Greenhouse and Nursery Production: A Spatial Panel Data Approach*, **Javier I. Perez-Burgos**, Universidad de los Andes; **Miguel Gomez**, Cornell University; **Nelson Bills**, Cornell University
- *Economic Effects of Tea Export Strategies in Japan's New Agricultural Policy: A Dynamic Regional CGE Model Approach*, **Yuko Akune**, Reitaku University
- *Irrigation Efficiency and Water Use in U.S. Agriculture: A Cross-Sectional Approach*, **Haoying Wang**, Pennsylvania State University
- *Impacts of Economic Growth on Agricultural Economy in Different Water Governing Scenarios: A General Equilibrium Analysis*, **Shuai Zhong**, University of Tsukuba; **Mitsuru Okiyama**, Reitaku University; **Suminori Tokunaga**, Reitaku University
- *Friends or Traders? Do Social Networks Affect the Use of Market Mechanisms by Farmers in India*, **Tisorn Songsermsawas**, University of Illinois; **Kathy Baylis**, University of Illinois, Urbana-Champaign; **Ashwini Chhatre**, University of Illinois; **Satya Prasanna**

Discussants:

Tisorn Songsermsawas, University of Illinois
Javier I. Perez-Burgos, Universidad de los Andes
Yuko Akune, Reitaku University
Haoying Wang, Pennsylvania State University
Shuai Zhong, University of Tsukuba

46. GeoComputation 2: Spatial Analysis 2 Thursday Nov 13 | 1:30 PM–3:30 PM | Waterford Suite

Organizers: Jean-Claude Thill, University of North Carolina, Charlotte; Suzana Dragicevic, Simon Fraser University

Chair: Andrew Crooks, George Mason University

- *Crowd-sourcing Urban Morphology: Opportunities and Challenges*, **Andrew Crooks**, George Mason University; **Arie Croitoru**, George Mason University; **Dieter Pfoser**, George Mason University; **Anthony Stefanidis**, George Mason University
- *A Computationally Efficient Approach to Gaussian Process Regression with Bayesian Model Averaging for Spatial Data*, **Jacob Dearmon**, Oklahoma City University; **Tony E. Smith**, University of Pennsylvania
- *Spatial Autocorrelation and the Solution to the P-Median Problem*, **Parmanand Sinha**, University of Texas, Dallas; **Daniel A. Griffith**, University of Texas, Dallas
- *Extraction of Coagglomeration Patterns of Industries from Small-Area Statistics: An Approach by the Spatial Cluster Detection and the Frequent Pattern Mining of Industries*, **Ryo Inoue**, Tohoku University

Discussants:

Ryo Inoue, Tohoku University

Andrew Crooks, George Mason University

Jacob Dearmon, Oklahoma City University

Parmanand Sinha, University of Texas, Dallas

47. International Geographical Union Applied Geography Commission: Applied Location Analysis I

Thursday Nov 13 | 1:30 PM–3:30 PM | Cabinet Suite

Organizers: John R. Lombard, Old Dominion University; **Graham P. Clarke**, University of Leeds; **Eliahu Stern**, Ben-Gurion University of the Negev

Chair: John R. Lombard, Old Dominion University

- *Geographic Analysis for Location of Energy Power Lines in a Public Private and Social Debate: The Chilean Atacama Desert*, **Pablo Osses**, Pontificia Universidad Católica de Chile
- *Profit Comparison of Spatial Pricing Plans in presence of Heterogeneous Demand and Transportation Cost*, **Amiya K. Basu**, Syracuse University
- *Applied GIS and Spatial Analysis in Regional Visioning*, **John R. Lombard**, Old Dominion University; **George McCleod**, Old Dominion University; **Sarah Kidd**, Hampton Roads Planning District Commission
- *Delineating Buffer Zones around World Cultural Heritage Sites*, **Eliahu Stern**, Ben-Gurion University of the Negev; **Idan Avidan**, Ben-Gurion University of the Negev

Discussants:

John R. Lombard, Old Dominion University

Pablo Osses, Pontificia Universidad Católica de Chile

Eliahu Stern, Ben-Gurion University of the Negev

Charles Ingene, University of Oklahoma

48. Regional/Rural Development II: The Geography of Inequality and Income Mobility II: Economic

Mobility Thursday Nov 13 | 1:30 PM–3:30 PM | Haverford Suite

Organizers: Stephan Goetz, Pennsylvania State University; **Scott Loveridge**, Michigan State University; **Bruce Weber**, Oregon State University; **Stephan Weiler**, Colorado State University;

Sarah Low, USDA, Economic Research Service

Chair: Stephan Goetz, Pennsylvania State University

- *County-Level Determinants of Relative and Absolute Economic Mobility*, **Minghao Li**, Pennsylvania State University; **Stephan Goetz**, Pennsylvania State University; **Bruce Weber**, Oregon State University
- *Modeling Determinants of Rural Inequality with Many Controls*, **Jason Parker**, Michigan State University; **Scott Loveridge**, Michigan State University
- *Inequality Change in Metro and Nonmetro America*, **Scott Albrecht**, University of Maryland; **Don Albrecht**, Utah State University; **Stephan Goetz**, Pennsylvania State University
- *Intergenerational Economic Mobility: Are Different Factors at Work in Rural America?*, **Bruce Weber**, Oregon State University; **Kathleen Miller**, Rural Policy Research Institute (RUPRI); **Stephan Goetz**, Pennsylvania State University

Discussants:

John Pender, U.S. Department of Agriculture

Don Albrecht, Utah State University

David McGranahan, U.S. Department of Agriculture
Mike Betz, Ohio State University

49. Regional Development II Thursday Nov 13 | 1:30 PM–3:30 PM | Cartier Salon

Organizers: **Alessandra Faggian**, Ohio State University; **Elizabeth Mack**, Arizona State University

Chair: **William B. Beyers**, University of Washington

- *Sectoral Differences in Labor Required to Support Output: Evidence from Eight Input-Output Models in Washington State*, **William B. Beyers**, University of Washington
- *An Assessment of Military Installations as Regional Economic Anchors*, **Joshua M. Drucker**, University of Illinois at Chicago; **Marc Doussard**, University of Illinois, Urbana-Champaign
- *Interaction between U.S. Intergovernmental Grants: Crowding-in or Crowding-out?*, **Irving Llamosas-Rosas**, University of Arizona; **Sandy Dall Erba**, University of Arizona

Discussants:

Joshua M. Drucker, University of Illinois at Chicago

Sandy Dall Erba, University of Arizona

William B. Beyers, University of Washington

50. UEA 03A: Development, Institutions and the Labor Force Thursday Nov 13 | 1:30 PM–3:30 PM |

Congressional Room

Chair: **Harris Selod**, The World Bank

- *Competing Property Rights in the City*, **Harris Selod**, The World Bank; **Liam Wren-Lewis**, Paris School of Economics (INRA)
- *The Bias towards Politically Connected Cities in China's Capital Markets*, **J. Vernon Henderson**, London School of Economics
- *Highways and Hukou. The Impact of China's Main Spatial Development Policies on Urbanization and Regional Inequality*, **Maarten Bosker**, Erasmus University Rotterdam
- *Skill Transferability, Migration, and Development: Evidence from Population Resettlement in Indonesia*, **Samuel Bazzi**, Boston University; **Arya B. Gaduh**, University of Arkansas; **Alexander David Rothenberg**, RAND Corporation; **Maisy Wong**, University of Pennsylvania

Discussants:

J. Vernon Henderson, London School of Economics

Maarten Bosker, Erasmus University Rotterdam

Maisy Wong, University of Pennsylvania

Harris Selod, The World Bank

51. UEA 03C: Pollution Thursday Nov 13 | 1:30 PM–3:30 PM | Judiciary Suite

Chair: **Christian Albin Lukas Hilber**, London School of Economics

- *Urban Development and Air Pollution: Evidence from a Global Panel of Cities*, **Christian Albin Lukas Hilber**, London School of Economics; **Charles Edward Palmer**, London School of Economics
- *The Impact of Industrial Pollution on City Growth: Lessons from the "Dark Satanic Mills"*, **William Walker Hanlon**, Univ. of California, Los Angeles
- *How Do Pollution and Other Environmental Disamenities Affect Business Location?*, **Heather Stephens**, California State University, Long Beach; **Elena G. Irwin**, Ohio State University; **Mark D. Partridge**, Ohio State University
- *The Carbon Footprint of Suburbanization: Evidence from French Household Data*, **Camille Blaudin de Thé**, French Ministry of Economics and Finance; **Miren Lafourcade**, University Paris-Sud and Paris School of Economics

Discussants:

Heather Stephens, California State University, Long Beach

Miren Lafourcade, University Paris-Sud and Paris School of Economics

Christian Hilber, London School of Economics

William Walker Hanlon, University of California, Los Angeles

52. UEA 03B: Education: Choice, Quality and Political Economy Thursday Nov 13 | 1:30 PM–3:30 PM | Old Georgetown Room

Chair: **Maria Marta Ferreyra**, Carnegie Mellon University

- *Charter School Entry and School Choice: The Case of Washington, D.C.*, **Maria Marta Ferreyra**, Carnegie Mellon University; **Grigory Kosenok**, New Economic School, Moscow
- *The Evolution of Charter School Quality*, **Patrick Baude**, University of Illinois at Chicago; **Marcus Casey**, University of Illinois at Chicago; **Eric A. Hanushek**, Stanford University; **Steve Rivkin**, University of Illinois at Chicago
- *The Housing and Educational Consequences of the School Choice Provisions of NCLB: Evidence from Charlotte, N.C.*, **Stephen B. Billings**, University of North Carolina, Charlotte; **Eric Brunner**, University of Connecticut; **Stephen L. Ross**, University of Connecticut
- *Demographic Changes, the Growth of Housing Expenditures, and the Public Provision of Local Education: How Households without Children Support Schools*, **Ryan Gallagher**, Northeastern Illinois University; **Joseph Persky**, University of Illinois at Chicago; **Haydar Kurban**, Howard University

Discussants:

Marcus Casey, University of Illinois at Chicago
Stephen B. Billings, University of North Carolina, Charlotte
Ryan Gallagher, Northeastern Illinois University
Maria Marta Ferreyra, Carnegie Mellon University

3:30 PM–4:00 PM

53. Coffee Break Thursday Nov 13 | 3:30 PM–4:00 PM | Crystal Ballroom Foyer

4:00 PM–6:00 PM

54. Population, Labour, and Regional Science III: Aspects of Population Decline II Thursday Nov 13 | 4:00 PM–6:00 PM | Ambassador Room

Organizers: **Eveline S. van Leeuwen**, VU University Amsterdam; **Rachel S. Franklin**, Brown University; **Matthew James Roskrige**, University of Waikato

Chair: **John Cromartie**, USDA, Economic Research Service

- *E.U. Regions, Demographic Change and the Impacts of Population Decline*, **Gianni Carbonaro**, European Investment Bank; **Philip McCann**, University of Groningen; **Francesca Romana Medda**, University College London
- *Fertility, Regional Demographics, and Economic Integration*, **Hiroshi Goto**, Kobe University
- *The Population Downturn in Rural and Small Town America: What Happened to Long-Term Drivers of Growth?*, **John Cromartie**, USDA, Economic Research Service; **David McGranahan**, U.S. Department of Agriculture
- *Demographic and Economic Trends in a Rural Europe in Transition*, **Mats Johansson**, Royal institute of Technology (KTH), Stockholm; **Pia Nilsson**, Jönköping International Business School (JIBS); **Hans Westlund**, Royal Institute of Technology (KTH)
- *Regional Decline and Right-Wing Political Extremism*, **Nicolai Wendland**, Darmstadt University of Technology; **Wouter Vermeulen**, VU University Amsterdam

Discussants:

Nicolai Wendland, Darmstadt University of Technology
Gianni Carbonaro, European Investment Bank
Hiroshi Goto, Kobe University
John Cromartie, USDA, Economic Research Service
Mats Johansson, Royal institute of Technology

55. Firm Formation and Performance II Thursday Nov 13 | 4:00 PM–6:00 PM | Baccarat Suite

Chair: **Alexandra A. Tsvetkova**, Ohio State University

- *Agglomeration and Firm Selection Effects in Chinese Cities*, **Yi Niu**, Capital University of Economics and Business; **Chengri Ding**, University of Maryland, College Park
- *Persistence in R&D Investment: Panel Data Evidence for Spanish Manufacturing Firms*, **Inmaculada Concepción Alvarez**, Universidad Autónoma de Madrid; **Chihwa Kao**; **Desiderio Romero**, Universidad Rey Juan Carlos

- *Concentration Dynamics in Brazilian Manufacturing Industries (1991-2011) and the Firm Life Cycle*, **Adriano Borges Ferreira Costa**, Fundação Getulio Vargas (FGV); **Ciro Biderman**, Fundação Getulio Vargas (FGV)
- *Endogenous Firm Formation in U.S. Computer and Electronic Product Manufacturing: A Test of the Knowledge Spillover Theory of Entrepreneurship*, **Alexandra A. Tsvetkova**, Ohio State University

Discussants:

Alexandra A. Tsvetkova, Ohio State University

Yi Niu, Capital University of Economics and Business

Inmaculada Concepción Alvarez, Universidad Autónoma de Madrid

Adriano Borges Ferreira Costa, Fundação Getulio Vargas (FGV)

56. International Geographical Union Applied Geography Commission: Applied Location Analysis II

Thursday Nov 13 | 4:00 PM–6:00 PM | Cabinet Suite

Organizer: **John R. Lombard**, Old Dominion University

Chair: **Graham P. Clarke**, University of Leeds

- *Incorporating E-Commerce into Retail Location Models*, **Graham P. Clarke**, University of Leeds; **Elena Kirby-Hawkins**, University of Leeds; **Mark Birkin**, University of Leeds
- *Retail Cluster Formation - Using Longitudinal Geo-Coded Data for Metropolitan Retail Markets*, **Özge Öner**, Jönköping International Business School; **Johan P. Larsson**, Jönköping International Business School
- *Evaluating Spatial Model Accuracy in Mass Real Estate Appraisal: A Comparison of Geographically Weighted Regression (GWR) and the Spatial Lag Model (SLM)*, **Paul Bidanset**, University of Ulster; **John R. Lombard**, Old Dominion University
- *A Spatial Microsimulation Approach for Natural Disaster Impact Assessment at a Neighborhood Level in Japan*, **Kazumasa Hanaoka**, Tohoku University

Discussants:

Paul Bidanset, University of Ulster

Graham P. Clarke, University of Leeds

Kazumasa Hanaoka, Tohoku University

Özge Öner, Jönköping International Business School

57. Education, Innovation, and Interaction Thursday Nov 13 | 4:00 PM–6:00 PM | Chairman's Boardroom

Chair: **Dirk Assmann**, University of Regensburg

- *Peer Effects on Higher Education Aspirations and Academic Performance: A Social Network Approach*, **Leonardo Bonilla**, University of Illinois, Urbana-Champaign
- *What Role Do Big Ideas Play in Science Curricula?*, **Richard S. Prawat**, Michigan State University; **Theodore R. Prawat**, Michigan State University
- *Towards Regional Integration: Dependency and Sources of Knowledge in Externally Funded Research and Development Functions*, **Rauno Ilmari Pirinen**, Laurea University of Applied Sciences
- *Integration of Regional Configuration and Knowledge Transitions in Higher Education Functions*, **Rauno Ilmari Pirinen**, Laurea University of Applied Sciences
- *The Creation and Transmission of Knowledge in Cities*, **Dirk Assmann**, University of Regensburg; **Johannes Stiller**, University of Regensburg

Discussants:

Rauno Ilmari Pirinen, Laurea University of Applied Sciences

Leonardo Bonilla, University of Illinois, Urbana-Champaign

Richard S. Prawat, Michigan State University

Dirk Assmann, University of Regensburg

Rauno Ilmari Pirinen, Laurea University of Applied Sciences

58. Spatial Analysis Methods III Thursday Nov 13 | 4:00 PM–6:00 PM | Diplomat Room

Chair: **Oleg A. Smirnov**, University of Toledo

- *Entropy Econometrics for Combining Regional Economic Forecasts: A Data-Weighted Prior Estimator*, **Esteban Fernandez-Vázquez**, University of Oviedo; **Blanca Moreno**, University of Oviedo

- *An Estimator for Multinomial Models with Spatial Lag Dependence Using Large Samples, with an Application to Land-Use Conversion*, **Carmen E. Carrion-Flores**, SUNY-Binghamton; **Alfonso Flores-Lagunes**, **Ledia Guci**, Bureau of Economic Analysis
- *Maximum Likelihood Inference for Linear Regressions with Dependent Data*, **Oleg A. Smirnov**, University of Toledo
- *Spatial Vector Autoregressive Model (SpVAR): A Checking of the Residuals*, **Joilson Assis Cabral**, Rural Federal University of Rio de Janeiro; **Maria Viviana Freitas**, Rural Federal University of Rio de Janeiro; **Luiz Fernando Loureiro Legey**, Federal University of Rio de Janeiro
- *A Tale of Two Provinces: Comparative Space-Time Analysis and Modeling of Economic Disparity between Coastal and Inland China*, **Xinyue Ye**, Kent State University; **Zheye Wang**, Kent State University

Discussants:

Xinyue Ye, Kent State University
Esteban Fernandez-Vázquez, University of Oviedo
Ledia Guci, Bureau of Economic Analysis
Oleg A. Smirnov, University of Toledo
Joilson Assis Cabral, Rural Federal University of Rio de Janeiro

59. Input-Output Methods Thursday Nov 13 | 4:00 PM–6:00 PM | Embassy Suite

Chair: Randall W. Jackson, West Virginia University

- *Disaggregating Input-Output Tables in Time: The Temporal Input-Output Framework*, **Andre Fernandes Tomon Avelino**, University of Illinois, Urbana-Champaign
- *Endogenous Local Government Spending and Fiscal Multipliers in a Metropolitan Input-Output System*, **Eduardo A. Haddad**, Universidade de São Paulo; **Michael L. Lahr**, Rutgers University
- *Shaping Urban Economies: A Commuting Satellite Account in an I/O Framework*, **Joao Pedro Ferreira**, University of Coimbra; **Pedro Ramos**, University of Coimbra; **Luis Cruz**, University of Coimbra; **Eduardo Barata**, University of Coimbra
- *The Extended Econometric Input-Output Model with Heterogeneous Household Demand System*, **Kijin Kim**, University of Illinois, Urbana-Champaign; **Kurt Kratena**, Austrian Institute of Economics Research (WIFO); **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Consistent Cross-Hauling Estimation for Input-Output Regionalization Methods*, **Randall W. Jackson**, West Virginia University; **Christa D. Court**, MRIGlobal

Discussants:

Randall W. Jackson, West Virginia University
Andre Fernandes Tomon Avelino, University of Illinois, Urbana-Champaign
Eduardo A. Haddad, Universidade de São Paulo
Joao Pedro Ferreira, University of Coimbra
Kijin Kim, University of Illinois, Urbana-Champaign

60. LRPC (Invitation Only) Thursday Nov 13 | 4:00 PM–6:00 PM | Executive Boardroom

61. Location Modeling Thursday Nov 13 | 4:00 PM–6:00 PM | Laliq Suite

Chair: Naoru Koizumi, George Mason University

- *Will the Real Optimal Solution Stand Up: Solving the Maximal Covering Shortest Path Problem*, **Timothy Niblett**, University of California, Santa Barbara; **Rick Church**, University of California, Santa Barbara
- *Locating City Green Spaces for Public Access: A Location-Allocation Modeling Approach with Uncertain Parameters*, **Xiaoling Li**, Cornell University
- *Dynamic Optimization and Differential Stackelberg Game Applied to Competitive Dynamic Facility Location Problem*, **Amir Meimand**, DecisionNext Co.; **Terry L. Friesz**, Pennsylvania State University
- *Modelling Optimal Household Location in Thin Markets: An Alternative Explanation for Leapfrog*, **Yong Chen**, Oregon State University; **Elena G. Irwin**, Ohio State University; **Ciriyam Jayaprakash**, Ohio State University
- *Mathematical Optimization and Simulation Analyses for Optimal Liver Allocation Boundaries*, **Naoru Koizumi**, George Mason University; **Amit Patel**, George Mason University; **Debasree Das Gupta**, George Mason University; **Tony E. Smith**, University of Pennsylvania; **Monica Gentili**, University of

Salerno; **Rajesh Ganesan**, George Mason University; **Chun Hung Chen**, George Mason University; **Nigel Waters**, George Mason University; **Keith Melancon**, George Washington University

Discussants:

Naoru Koizumi, George Mason University
Timothy Niblett, University of California, Santa Barbara
Xiaoling Li, Cornell University
Amir Meimand, DecisionNext Co.
Yong Chen, Oregon State University

62. Measuring Productivity Thursday Nov 13 | 4:00 PM–6:00 PM | Patuxent Suite

Chair: W. Mark Brown, Statistics Canada

- *Sectorial Decomposition of Total Factor Productivity in Chile (1996-2010)*, **Nicolas Garrido**, Diego Portales University; **Patricio Aroca**, Adolfo Ibañez University
- *Technical Efficiency in Mexico during the Last Twenty Years: A Stochastic Frontier Approach*, **Hector Nunez**, CIDE; **Antonio Alvarez Pinilla**, University of Oviedo; **Rafael Garduno-Rivera**, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)
- *Wages, Productivity, and Market Power*, **Oleksandr Shepotylo**, Higher School of Economics; **Philipp Ushchev**, Higher School of Economics; **Volodymyr Vakhitov**, Kyiv School of Economics and Higher School of Economics
- *Gross Metropolitan Product: An Experimental Measure of Gross Domestic Product by Metropolitan Area in Canada, 2001 to 2009*, **W. Mark Brown**, Statistics Canada; **Luke Rispoli**, Statistics Canada; **Raymond Chan**, Statistics Canada

Discussants:

W. Mark Brown, Statistics Canada
Patricio Aroca, Adolfo Ibañez University
Hector Nunez, CIDE
Oleksandr Shepotylo, Higher School of Economics

63. Trade and Transportation Thursday Nov 13 | 4:00 PM–6:00 PM | Potomac Suite

Chair: Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

- *Port Competitiveness and Efficiency under Heterogeneous Demand*, **Mona Kashiha**, University of North Carolina, Charlotte; **Jean-Claude Thill**, University of North Carolina, Charlotte; **Craig A. Depken II**, University of North Carolina, Charlotte
- *Measuring the Cost of Crossing Time Uncertainty at the Canada-U.S. Border via Supply Chain Costs*, **Bill Anderson**, University of Windsor; **Shunsuke Segi**, University of Windsor; **Maureen Campbell**, University of Windsor
- *Modeling Interprovincial Trade by Transport Mode in Presence of Wholesalers and Hub-Spoke Structures*, **Nuria Gallego**, Universidad Autónoma de Madrid; **Carlos Llano**, Universidad Autónoma de Madrid; **Jorge Díaz-Lanchas**, Universidad Autónoma de Madrid; **Tamara Delamata**, IESE
- *Modeling the Determinants of Truck Tours within Canadian Markets and across the Canada-U.S. Border*, **Hanna Maoh**, University of Windsor; **Kevin Gingerich**, University of Windsor; **Bill Anderson**, University of Windsor
- *Analysis of the Inland Distribution of Maritime Traffic: An Application of the Gravity Model*, **Rafael Garduno-Rivera**, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); **Lorena Garcia-Alonso**, University of Oviedo

Discussants:

Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)
Mona Kashiha, University of North Carolina, Charlotte
Bill Anderson, University of Windsor
Nuria Gallego, Universidad Autónoma de Madrid
Hanna Maoh, University of Windsor

64. Regional Economic Development II Thursday Nov 13 | 4:00 PM–6:00 PM | Susquehanna Suite

Chair: Ramiro Esqueda Walle, Autonomous University of Tamaulipas

- *ODA and Public Good Input: Indochinese Peninsula*, **Tatsuyoshi Miyakoshi**, Hosei University

- *Impact of Transport Margin on Economic Welfare: Evidence in Indonesia*, **Jati Waluyo**, Cornell University
- *A Spatial Economic Model and Spatial Econometric Analysis of Population Dynamics in Brazilian MCAs*, **Diego Firmino Costa da Silva**, Universidade Federal de Pernambuco; **Paul Elhorst**, University of Groningen; **Raul da Mota Silveira Neto**, Federal University of Pernambuco
- *Determinants of Labor Productivity and Labor Rates in Construction Industry in Selected Countries.*, **Ramziya Shakirova**, Independent Project Analysis, Inc.; **Alisher Akhmedjonov**,
- *Economic Development, Competitiveness and Economic Openness in Tamaulipas, Mexico*, **Ramiro Esqueda Walle**, Autonomous University of Tamaulipas

Discussants:

Ramiro Esqueda Walle, Autonomous University of Tamaulipas
Tatsuyoshi Miyakoshi, Hosei University
Jati Waluyo, Cornell University
Diego Firmino Costa da Silva, Universidade Federal de Pernambuco
Ramziya Shakirova, Independent Project Analysis, Inc.

65. Agriculture Thursday Nov 13 | 4:00 PM–6:00 PM | Tiffany Salon

Chair: **Flávia Chein**, Federal University of Juiz de Fora

- *Agricultural Suitability and Urbanization: A Global Analysis from 1000 A.D. to 2000 A.D.*, **Xiaofei Li**, Purdue University; **Raymond J.G.M. Florax**, Purdue University; **Brigitte S. Waldorf**, Purdue University
- *Conventional vs. Alternative Farming: Assessing the Sustainability of a Regional Food Supply Pattern*, **Anne Fournier**, EconomiX - University of Paris Ouest
- *Climate and Weather Impacts on Agriculture: The Case of Brazil*, **Paula Carvalho Pereda**, University of São Paulo; **Denisard C. Alves**, University of São Paulo
- *Economic Impacts and Land Use Change from a Policy to Control Deforestation in the Brazilian Amazon*, **Terciane Sabadini Carvalho**, Cedeplar/UFMG; **Edson Paulo Domingues**, Federal University of Minas Gerais
- *Social Impacts of Brazilian Biodiesel Program*, **Jefferson Prado**, Federal University of Juiz de Fora; **Flávia Chein**, Federal University of Juiz de Fora; **Juliano Assunção**, Pontifical Catholic University of Rio de Janeiro

Discussants:

Flávia Chein, Federal University of Juiz de Fora
Xiaofei Li, Purdue University
Anne Fournier, EconomiX - University of Paris Ouest
Paula Carvalho Pereda, University of São Paulo
Terciane Sabadini Carvalho, Cedeplar/UFMG

66. GeoComputation 3: Spatial Modeling 1 Thursday Nov 13 | 4:00 PM–6:00 PM | Waterford Suite

Organizers: **Andrew Crooks**, George Mason University; **Suzana Dragicevic**, Simon Fraser University

Chair: **Yiwei Zhou**, Rensselaer Polytechnic Institute

- *The Dasymeric Mapping for Representation of Population in Building Scale: An Estimation by Using the Geographically Weighted Regression*, **Sang Wook Lee**, Seoul National University; **Boyeong Hong**, Seoul National University; **Sukjoon Lee**, Seoul National University; **Hongmin Eom**, Seoul National University; **Kyung-min Kim**, Seoul National University
- *Modeling Spatial Data Pooled Over Time: How to Decompose Spatial and Temporal Dimensions?*, **Jean Dube**, Université Laval; **Diego Legros**, Université de Bourgogne
- *Assessing Impact of Transportation Infrastructure on Urbanization in China: A Bayesian Spatial Binary Probit Model with Endogenous Weight Matrix*, **Yiwei Zhou**, Rensselaer Polytechnic Institute; **Xiaokun (Cara) Wang**, Rensselaer Polytechnic Institute

Discussants:

Yiwei Zhou, Rensselaer Polytechnic Institute
Sang Wook Lee, Seoul National University
Jean Dube, Université Laval

67. Benjamin H. Stevens Fellowship Awardees Discussion Panel Thursday Nov 13 | 4:00 PM–6:00 PM | Severn Suite

Organizers: Xiaokun (Cara) Wang, Rensselaer Polytechnic Institute; Elizabeth Mack, Arizona State University; Peter Richards, Brown University; David Boyce, Northwestern University

Panel Overview: The Benjamin H. Stevens Graduate Fellowship was established in 1998 in memory of Dr. Benjamin H. Stevens (1929-1997). Each year, the fellowship provides a stipend of \$30,000 to support one student's doctoral thesis research in the field of Regional Science. Over the past fifteen years, the fellowship has supported the development of many pioneering research areas. Many of the awardees have become active researchers and educators in the field of Regional Science. In this panel session, previous fellowship awardees will share their experience of fellowship application and dissertation research, as well as their current research work and advice on early-stage career development that will be helpful for young professionals.

Panelists:

Xiaokun (Cara) Wang, Rensselaer Polytechnic Institute
Elizabeth Mack, Arizona State University
Peter Richards, Brown University
David Boyce, Northwestern University
Joshua M. Drucker, University of Illinois at Chicago

68. Regional/Rural Development III: Entrepreneurship Thursday Nov 13 | 4:00 PM–6:00 PM | Haverford Suite

Organizers: Stephan Weiler, Colorado State University; Sarah Low, USDA, Economic Research Service
Chair: Stephan Weiler, Colorado State University

- *Agricultural Subsidies and Entrepreneurship Choice*, Eric Thompson, University of Nebraska, Lincoln; John Anderson, University of Nebraska, Lincoln; Van Tran, University of Nebraska, Lincoln
- *Small Business Lending: The Impact on Establishment Births and Regional Economic Growth*, Tessa Conroy, University of Wisconsin, Madison
- *Learning by Failing: Assessing Informational Asymmetries across Geography and Industry*, Stephan Weiler, Colorado State University; Devin Buntin, University of California, Los Angeles; Eric Thompson, University of Nebraska, Lincoln
- *Do Micro Food Processors Contribute to Rural Economic Growth?*, Steve Deller, University of Wisconsin, Madison; Maureen Stickel, University of Wisconsin, Madison
- *The Role of Parental Experience in Entrepreneurship Choice among Adults*, Carlos Asarta, University of Delaware

Discussants:

Steve Deller, University of Wisconsin, Madison
Sarah Low, USDA, Economic Research Service
Jason Brown, Federal Reserve Bank of Kansas City
Eric Thompson, University of Nebraska, Lincoln
Tessa Conroy, University of Wisconsin, Madison

69. Regional Development III: Human Capital Thursday Nov 13 | 4:00 PM–6:00 PM | Cartier Salon

Organizers: Alessandra Faggian, Ohio State University; Elizabeth Mack, Arizona State University
Chair: Heather Stephens, California State University, Long Beach

- *Human Capital Flows: An Examination of Graduate Migration in the United States*, Jonathan Corcoran, University of Queensland; Alessandra Faggian, Ohio State University; Pantelis Kazaqi, Ohio State University
- *Understanding U.S. College Graduate Migration*, Heather Stephens, California State University, Long Beach
- *The Production and Stock of College Graduates for U.S. States*, John Winters, Oklahoma State University
- *Do Natural Amenities Influence Undergraduate Student Migration Decisions?*, Kathryn R. Dotzel, Ohio State University

Discussants:

Heather Stephens, California State University, Long Beach
John Winters, Oklahoma State University

Kathryn R. Dotzel, Ohio State University
Jonathan Corcoran, University of Queensland

70. UEA 04A: Domestic Migration Thursday Nov 13 | 4:00 PM–6:00 PM | Congressional Room

Chair: Yves Zenou, Stockholm University

- *Strong versus Weak Ties in Migration*, **Yves Zenou**, Stockholm University
- *Rural-Urban Migration, Structural Transformation, and Housing Markets in China*, **Carlos Garriga**, Federal Reserve Bank of St. Louis; **Yang Tang**, Nanyang Technological University; **Ping Wang**, Washington University in St. Louis
- *Job Search and Migration in a System of Cities*, **Benoit Schmutz**, Howard University
- *Supply and Demand of Heterogeneous Workers across Cities*, **Jeffrey Calhoon Brinkman**, Federal Reserve Bank of Philadelphia

Discussants:

Carlos Garriga, Federal Reserve Bank of St. Louis
Yves Zenou, Stockholm University
Jeffrey Calhoon Brinkman, Federal Reserve Bank of Philadelphia
Benoit Schmutz, Howard University

71. UEA 04C: Student I: Business Cycles and Public Policies Thursday Nov 13 | 4:00 PM–6:00 PM | Judiciary Suite

Chair: Ben Zou, University of Maryland

- *The Local Economic Spillover Effects of Military Personnel Contractions*, **Ben Zou**, University of Maryland
- *Assessing the Regional Business Cycle Asymmetry in a Multi-level Structure Framework: A Study of the Top 20 U.S. MSAs*, **Sungyup Chung**, University of Illinois; **Geoffrey Hewings**, REAL, Urbana Illinois, USA
- *Agglomeration, Regulation, and Industry Dynamics in Chicago Nightlife*, **Jacob Neal Cosman**, University of British Columbia

Discussants:

Jacob Neal Cosman, University of British Columbia
Ben Zou, University of Maryland
Sungyup Chung, University of Illinois

72. UEA 04B: Poverty in the City Thursday Nov 13 | 4:00 PM–6:00 PM | Old Georgetown Room

Chair: Rebecca Diamond, Stanford University

- *Where Do the Poor Live? Household Location and Income in British Cities*, **David Cuberes**, University of Sheffield
- *Who Benefits from Mixed-Income Communities? An Equilibrium Analysis of Affordable Housing*, **Rebecca Diamond**, Stanford University; **Timothy James McQuade**, Stanford University
- *What Drives Nutritional Disparities? Retail Access and Food Purchases across the Socioeconomic Spectrum*, **Jessie Handbury**, University of Pennsylvania; **Ilya Rahkovsky**, USDA; **Molly Schnell**, Princeton University
- *Neighborhood Dynamics and the Distribution of Opportunity*, **Dionissi Aliprantis**, Federal Reserve Bank of Cleveland; **Daniel R. Carroll**, Federal Reserve Bank of Cleveland

Discussants:

Jessie Handbury, University of Pennsylvania
Dionissi Aliprantis, Federal Reserve Bank of Cleveland
David Cuberes, University of Sheffield
Timothy James McQuade, Stanford University

6:30 PM–8:00 PM

73. Main Conference Reception Thursday Nov 13 | 6:30 PM–8:00 PM | Crystal Ballroom

Friday
14 November 2014

7:30 AM–9:30 AM

74. Papers in Regional Science Editorial Board Meeting (Invitation only) *Friday Nov 14 | 7:30 AM–9:30 AM | Chairman's Boardroom*

Chair: Roberta Capello, Politecnico di Milano

7:30 AM–5:30 PM

75. Registration and Exhibits *Friday Nov 14 | 7:30 AM–5:30 PM | Crystal Ballroom Foyer*

8:00 AM–10:00 AM

76. Population, Labour, and Regional Science IV: Demographic Analysis *Friday Nov 14 | 8:00 AM–10:00 AM | Ambassador Room*

Organizers: Matthew James Roskrug, University of Waikato; **Jacques Poot**, University of Waikato

Chair: Matthew James Roskrug, University of Waikato

- *The Population Distribution Dynamics of Brazilian MCAs: A Spatial Evaluation for 1970-2010 Period*, **Diego Firmino Costa da Silva**, Universidade Federal de Pernambuco; **Raul da Mota Silveira Neto**, Federal University of Pernambuco
- *A Dynamic Region over 25 Years - Analyzing Population and Employment Trends in the Greater Toronto and Hamilton Area*, **Erin Toop**, Neptis Foundation; **Vishan Guyadeen**, Neptis Foundation; **Eric J. Miller**, University of Toronto
- *Population Dynamics in Colombia and Its Regions: 1835-2005*, **Javier Perez**, Banco de la Republica (The Central Bank of Colombia); **Adolfo Meisel**, Banco de la República, Colombia
- *How Much Does the Likelihood to Become an Entrepreneur Depend on the Migration Status?*, **Udo Brixy**, Institute for Employment Research; **Michael Schleinkofer**, IAB Institute for Employment Research
- *Immigrant Integration and Social Capital Formation*, **Matthew James Roskrug**, University of Waikato; **Jacques Poot**, University of Waikato

Discussants:

Matthew James Roskrug, University of Waikato

Diego Firmino Costa da Silva, Universidade Federal de Pernambuco

Erin Toop, Neptis Foundation

Javier Perez, Banco de la Republica (The Central Bank of Colombia)

Udo Brixy, Institute for Employment Research

77. Population and Health *Friday Nov 14 | 8:00 AM–10:00 AM | Diplomat Room*

Chair: Glaucia Possas Motta, Federal University of Minas Gerais

- *Health and Population Concentration: A Spatial Random Coefficient Approach*, **Mauricio Sarrias**, Cornell University
- *Climate Change Impacts on Birth Outcomes in Brazil*, **Paula Carvalho Pereda**, University of São Paulo; **Tatiane Almeida de Menezes**, Federal University of Pernambuco Brazil; **Denisard C. Alves**, University of São Paulo
- *Healthy Urban Spaces and the Social Determinants of Health (SDH)*, **Suzana Quinet Bastos**, Universidade Federal de Juiz de Fora; **Flavia Chein**, UFJF; **Bruno Gomes**, Federal University of Juiz de Fora
- *Cities and Happiness – An Exploration of Subjective Well-Being in Urban Spaces*, **Kailas Venkitasubramanian**, University of North Carolina, Charlotte; **Jean-Claude Thill**, University of North Carolina, Charlotte

- *A Discussion about Urban Health in Brazil*, **Glaucia Possas Motta**, Federal University of Minas Gerais;
Luiz Carlos Day Gama, Federal University of Minas Gerais

Discussants:

Glaucia Possas Motta, Federal University of Minas Gerais
Mauricio Sarrias, Cornell University
Paula Carvalho Pereda, University of São Paulo
Suzana Quinet Bastos, Universidade Federal de Juiz de Fora
Kailas Venkitasubramanian, University of North Carolina, Charlotte

78. Innovation and Regional Development Friday Nov 14 | 8:00 AM–10:00 AM | Embassy Suite

Chair: Veneziano Araujo, Federal University of São Paulo

- *Innovation, Decentralization, and Planning in a Multi-Region Model of Schumpeterian Economic Growth*, **Amit Batabyal**, Rochester Institute of Technology; **Peter Nijkamp**, VU University Amsterdam
- *Regional Determinants of Research and Development Institutions in India*, **Sudhir K. Thakur**, California State University, Sacramento; **Edward Malecki**, Ohio State University
- *Innovative Output and Regional Innovation Networks: An Exploration of Survey Data*, **Lina Bjerke**, Jönköping International Business School; **Sara Johansson**, Jönköping International Business School
- *Big Relevant Data: The Innovation Index as a Measure of Economic Competitiveness*, **Timothy Slaper**, Indiana University
- *Regional Innovation: Local Determinants and Spatial Dependence in Brazil - Evidence from a Spatial Tobit Model*, **Veneziano Araujo**, Federal University of São Paulo; **Renato Garcia**, University of Campinas

Discussants:

Veneziano Araujo, Federal University of São Paulo
Amit Batabyal, Rochester Institute of Technology
Sudhir K. Thakur, California State University, Sacramento
Lina Bjerke, Jönköping International Business School
Timothy Slaper, Indiana University

79. Economic Development Friday Nov 14 | 8:00 AM–10:00 AM | Executive Boardroom

Chair: Alina M. Schoenberg, Bundeswehr University Munich

- *Identification and the Reflection Problem in Spatial Econometrics: Applications Using U.S. Counties*, **Ying Tan**, Oklahoma State University
- *Trade and Growth: An Applied General Equilibrium Model for Minas Gerais State*, **Fernando Salgueiro Perobelli**, Federal University of Juiz de Fora; **Vinicius A. Vale**, Federal University of Juiz de Fora
- *Cooperative Games, Learning and Strategic Interaction in Social Networks*, **Fernando Plascencia**, Cornell University
- *Evaluation of Central Places in Bavaria*, **Alina M. Schoenberg**, Bundeswehr University Munich; **Florian W. Bartholomae**, Bundeswehr University Munich
- *Credit Constraint and Human Capital Investment: An Empirical Analysis Using a Household Budget Survey*, **Flávia Chein**, Federal University of Juiz de Fora; **Cristine Pinto**

Discussants:

Flávia Chein, Federal University of Juiz de Fora
Ying Tan, Oklahoma State University
Fernando Salgueiro Perobelli, Federal University of Juiz de Fora
Fernando Plascencia, Cornell University
Alina M. Schoenberg, Bundeswehr University Munich

80. Migration and Labor Market Dynamics I Friday Nov 14 | 8:00 AM–10:00 AM | Lalique Suite

Chair: Dafeng Xu, Cornell University

- *Regional Labor Market Dynamics of Younger and Older Workers*, **Carsten Ochsén**, University of Applied Labour Studies and Max Planck Institute for Demographic Research
- *Migration and Unemployment Duration among Young College Graduates*, **Kevin Camp**, Purdue University; **Brigitte S. Waldorf**, Purdue University

- *Spatial Labor Sorting in Mexico: Educational Differentials Matters*, **Jonathan Jaime**, CIDE - Región Centro - División de Economía; **Hector Nunez**, CIDE; **Antonio José Avendaño Arosemena**, Universidad Sergio Arboleda
- *Early Labour Market Outcomes of Australian Youth: The Role of Migration*, **Francisco Rowe**, University of Queensland; **Jonathan Corcoran**, University of Queensland
- *Social Networks and High-Skilled Immigration: Evidence from French Football Players in England*, **Dafeng Xu**, Cornell University

Discussants:

Dafeng Xu, Cornell University

Carsten Ochsén, University of Applied Labour Studies and Max Planck Institute for Demographic Research

Brigitte S. Waldorf, Purdue University

Jonathan Jaime, CIDE, División de Economía

Francisco Rowe, University of Queensland

81. Housing Prices and Markets I Friday Nov 14 | 8:00 AM–10:00 AM | Patuxent Suite

Chair: Michael L. Lahr, Rutgers University

- *Transit Access, Bridge Toll Rises, and Residential Property Appreciation*, **Michael L. Lahr**, Rutgers University; **Scott Fishberg**, Metropolitan Transit Authority
- *The Impacts of Public Transportation Investments on Housing Prices: A Comparative Study of Three Mexican Cities*, **Laura H. Atuesta**, CIDE; **Nancy Lozano-Gracia**, World Bank
- *Impact of Classification of Residential Zoning on Housing Market in Korea*, **Minnie Kang**, The University of Hong Kong
- *Spatial Dynamics of the Chinese High Speed Rail: Impact Assessment on Real Estate Price*, **Zhenhua Chen**, George Mason University; **Kingsley E. Haynes**, George Mason University
- *Local Amenities, Equity, and Household Mobility: Nominal Loss Aversion in Baltimore County*, **Eliot C. Alexander**; **H. Allen Klaiber**, Ohio State University

Discussants:

Eliot C. Alexander

Michael L. Lahr, Rutgers University

Laura H. Atuesta, CIDE

Minnie Kang, The University of Hong Kong

Zhenhua Chen, George Mason University

82. Transportation Infrastructure Impacts I Friday Nov 14 | 8:00 AM–10:00 AM | Potomac Suite

Chair: Ryo Itoh, Nagoya-City University

- *Analysis of Sectoral and Regional Impacts Due to Transport Investments in Brazil*, **Moises Diniz Vassallo**, Universidade de São Paulo; **Eduardo A. Haddad**, Universidade de São Paulo
- *Build Our Way Out of Congestion? Effects of Additional Capacity on Commuting Outcomes*, **Edmund J. Zolnik**, George Mason University
- *Measuring Road Network Performance and Disruption Impacts*, **Aisling J. Reynolds-Feighan**, University College Dublin; **Amaya I. Vega**, National University of Ireland
- *Impact of Institutions on Transport Toll Rate in the U.S.*, **Jeong Yun Kweun**, George Mason University
- *The Cost Recoverability of Infrastructure in a Volatile Transportation Environment*, **Ryo Itoh**, Nagoya-City University

Discussants:

Ryo Itoh, Nagoya-City University

Moises Diniz Vassallo, Universidade de São Paulo

Edmund J. Zolnik, George Mason University

Aisling J. Reynolds-Feighan, University College Dublin

Jeong Yun Kweun, George Mason University

83. Disasters: Resilience and Risk I Friday Nov 14 | 8:00 AM–10:00 AM | Severn Suite

Chair: Margaret A. Walls, Resources for the Future

- *Community Resilience to Rare Events: Using Dynamic Propensity Score Matching to Examine the Effects of Disasters*, **Robert Greenbaum**, Ohio State University; **Daniele Bondonio**, Università degli Studi del Piemonte Orientale; **Tricia L. Petras**, Ohio State University; **Andy Hultquist**, University of North Dakota

- *Efficiency of the Community Resilience for Earthquake and Tsunami Waste Management*, **Kiyomi Kawamoto**, Hokkaido University of Education
- *How Community Capacity and Planning Effort are Evaluated in Mitigating Flood Losses: Considering Spatial and Temporal Effects in Vulnerability and Resilience*, **Hyun Kim**, University of Wisconsin, Madison
- *Regional Economic Resilience against Natural Disasters*, **Yong Chen**, Oregon State University; **Jianhong Mu**, Oregon State University
- *How Amenities and Hurricane Risks Affect Land and Housing Markets in Coastal Areas: Results from a Dynamic Spatial Simulation Model*, **Margaret A. Walls**, Resources for the Future; **Nicholas R. Magliocca**, National Socio-Environmental Synthesis Center; **Virginia D. McConnell**, Resources for the Future

Discussants:

Margaret A. Walls, Resources for the Future
Robert Greenbaum, Ohio State University
Kiyomi Kawamoto, Hokkaido University of Education
Hyun Kim, University of Wisconsin, Madison
Yong Chen, Oregon State University

84. Models of Regional Growth and Development I Friday Nov 14 | 8:00 AM–10:00 AM | Susquehanna Suite

Chair: Marco Percoco, Università Bocconi

- *Models of Regional Growth with Heterogenous Spatial Effects: The Case of Russia*, **Olga Demidova**, NRU HSE; **Denis Ivanov**, NRU HSE
- *Synchronization and Transmission of Regional Business Cycles: An Analysis of the Spanish Regional System*, **Julian Ramajo**, University of Extremadura; **Miguel A. Márquez**, University of Extremadura; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Technological Interdependence between South American Countries: A Spatial Panel Data Growth Model*, **Grace Carolina Guevara Rosero**, Université Jean Monnet de Saint Etienne; **Corinne Autant-Bernard**, University of Lyon
- *Regional Interdependencies in Japanese Regional Business Cycles*, **Motonari Hayashida**, Central Research Institute of Electric Power Industry
- *Land Redistribution and Long Run Regional Development: Evidence from Italy*, **Marco Percoco**, Università Bocconi

Discussants:

Marco Percoco, Università Bocconi
Olga Demidova, NRU HSE
Miguel A. Márquez, University of Extremadura
Grace Carolina Guevara Rosero, Université Jean Monnet de Saint Etienne
Motonari Hayashida, Central Research Institute of Electric Power Industry

85. Planning and Investment Friday Nov 14 | 8:00 AM–10:00 AM | Tiffany Salon

Chair: Kieran P. Donaghy, Cornell University

- *Infrastructure and New Investment in Manufacturing Sector in Kalimantan Island: Output and Distributional Effects*, **Fauziah S. Anshory Zen**, Economic Research Institute for ASEAN and East Asia (ERIA); **Riatu M. Qibthiyyah**, University of Indonesia; **Astrid Dita**, University of Indonesia; **Riatu M. Qibthiyyah**, University of Indonesia
- *A Dynamic Policy Evaluation Model of the Regional Economy and Water Environment in Toyogawa Basin*, **Katsuhiko Sakurai**, Rissho University; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Ataru Nakamura**, National Institute for Environmental Studies; **Keiko Nakayama**, Chukyo University
- *Legislative Subsidy or Belief Diffusion? The Battle over Housing Finance*, **Maurice Champagne**, George Mason University
- *Planning Support for Replacing Aging Water Infrastructure on a Regional Basis in Keeping with "Smart Growth" Principles*, **Kieran P. Donaghy**, Cornell University; **Arash Beheshtian**, Cornell University; **Sara Davis**, Cornell University; **Javier I. Perez-Burgos**, Universidad de los Andes

Discussants:

Kieran P. Donaghy, Cornell University
Fauziah S. Anshory Zen, Economic Research Institute for ASEAN and East Asia (ERIA)
Katsuhiko Sakurai, Rissho University
Maurice Champagne, George Mason University

86. GeoComputation 4: Spatial Modeling 2 Friday Nov 14 | 8:00 AM–10:00 AM | Waterford Suite

Organizers: **Andrew Crooks**, George Mason University; **Suzana Dragicevic**, Simon Fraser University

Chair: **Zheng Wang**

- *Understanding Climate Change – Induced Migration in the Central Andes of Peru via Agent-Based Computational Modeling*, **Jose Manuel Magallanes**, George Mason University
- *Decision Support System for Flood Disaster Management*, **Ather Ashraf**, Punjab University; **Mujahid Sherdil**, PDMA Punjab Pakistan
- *A Research on the Trends of Multi-Nation and Multi – Sector Carbon Emissions and Energy Uses under the Drive of the Progress of Technology*, **Zheng Wang**; **Gaoxiang Gu**
- *Modeling Land Use Change Using Spatial Filtering Model Specification for Discrete Response*, **Parmanand Sinha**, University of Texas, Dallas

Discussants:

Zheng Wang
Jose Manuel Magallanes, George Mason University
Parmanand Sinha, University of Texas, Dallas
Ather Ashraf, Punjab University

87. Applications of New Sources of (Big) Data in Regional Science I Friday Nov 14 | 8:00 AM–10:00 AM | Baccarat Suite

Organizers: **Daniel Arribas-Bel**, University of Birmingham; **David C. Folch**, Florida State University

Chair: **David C. Folch**, Florida State University

- *Residential Foreclosures and Non-Housing Wealth*, **Edward Coulson**, University of Nevada, Las Vegas; **Sharon I. O'Donnell**, U.S. Census Bureau
- *Fast Food Data: The Usefulness of Social Media Byproducts*, **Seth Spielman**, University of Colorado, Boulder; **David C. Folch**, Florida State University; **Robert Manduca**, Harvard University
- *Forecasting Regional Health Crises Using Google Trends*, **Jason Parker**, Michigan State University; **Scott Loveridge**, Michigan State University
- *Big, Data, Smart Cities and Research Infrastructure Innovation*, **Robert J. Stimson**, University of Melbourne; **Chris Pettit**, University of Melbourne; **Richard Sinnott**, University of Melbourne

Discussants:

Robert J. Stimson, University of Melbourne
Sharon I. O'Donnell, U.S. Census Bureau
Robert J. Stimson, University of Melbourne
Jason Parker, Michigan State University

88. Location Modeling and Spatial Analytics I Friday Nov 14 | 8:00 AM–10:00 AM | Cabinet Suite

Organizers: **Alan T. Murray**, Drexel University; **Tony H. Grubestic**, Drexel University

Chair: **Alan T. Murray**, Drexel University

- *Street Light Coverage Optimization*, **Alan T. Murray**, Drexel University; **Xin Feng**, Arizona State University
- *A High Performance Computing Approach for Solving the Continuous Space Set Coverage Problem*, **Ran Wei**, University of Utah; **Alan T. Murray**, Drexel University
- *Conditional Packing*, **Matthew Niblett**, University of California, Santa Barbara; **Rick Church**, University of California, Santa Barbara
- *Friendly and Frugal: Formulating Location Allocation Problems*, **Rick Church**, University of California, Santa Barbara

Discussants:

Kamyoun Kim, Kyungpook National University
Rick Church, University of California, Santa Barbara

Xin Feng, Arizona State University
Ran Wei, University of Utah

89. Regional/Rural Development IV: Local Effects of Oil and Gas Extraction Friday Nov 14 | 8:00 AM–10:00 AM | Haverford Suite

Organizers: **Stephan Weiler**, Colorado State University; **Sarah Low**, USDA, Economic Research Service; **Jason Brown**, Federal Reserve Bank of Kansas City

Chair: **Andrew Boslett**, University of Rhode Island

- *Where's the Boom? Assessing the Economic Impact of the Shale Revolution in Pennsylvania and Its Absence in New York*, **Grant Nulle**, Colorado School of Mines
- *Local Capture of Oil and Gas Royalties*, **Jason Brown**, Federal Reserve Bank of Kansas City; **Jeremy G. Weber**, University of Pittsburgh; **Timothy Fitzgerald**, Montana State University
- *Differential Experiences of Similar Shocks – An Analysis of the Impact of Shale Drilling Booms on Suburban, Rural, and Remote Housing Markets*, **Michael Farren**, Ohio State University
- *Valuation of Expectations: A Hedonic Study of Shale Gas Development, a Statewide Moratorium, and Local Resolutions*, **Andrew Boslett**, University of Rhode Island; **Todd Guilfoos**, University of Rhode Island; **Corey Lang**, University of Rhode Island

Discussants:

Jason Brown, Federal Reserve Bank of Kansas City

Grant Nulle, Colorado School of Mines

Andrew Boslett, University of Rhode Island

Michael Farren, Ohio State University

90. Regional Development IV: Labor Market Friday Nov 14 | 8:00 AM–10:00 AM | Cartier Salon

Organizers: **Alessandra Faggian**, Ohio State University; **Elizabeth Mack**, Arizona State University

Chair: **Cecile Détang-Dessendre**, INRA - Dijon

- *Graduate Early Career Inter-Industry Mobility: A Road to Success in Dense and Less-Dense Regions?*, **Viktor Venhorst**, University of Groningen; **Philip McCann**, University of Groningen
- *Labor Market Flexibility in a Low Migration Country: The Case of French Regions*, **Cecile Détang-Dessendre**, INRA - Dijon; **Mark D. Partridge**, Ohio State University; **Virginie Piguet**, INRA - Dijon
- *Returns to College Education in Colombia*, **Norma Gomez**, Ohio State University; **Alessandra Faggian**, Ohio State University
- *Academic Inventors in Italy: Patterns of Collaboration and Proximity with Industry*, **Riccardo Crescenzi**, London School of Economics; **Andrea Filippetti**, London School of Economics; **Simona Iammarino**, London School of Economics

Discussants:

Riccardo Crescenzi, London School of Economics

Norma Gomez, Ohio State University

Cecile Détang-Dessendre, INRA - Dijon

Viktor Venhorst, University of Groningen

91. UEA 05A: Knowledge Spillovers Friday Nov 14 | 8:00 AM–10:00 AM | Congressional Room

Chair: **Jeffrey Lin**, Federal Reserve Bank of Philadelphia

- *The Paper Trail of Knowledge Flows: Evidence from Patent Interferences*, **Ina Ganguli**, Stockholm School of Economics; **Jeffrey Lin**, Federal Reserve Bank of Philadelphia; **Nicholas Reynolds**, Federal Reserve Bank of Philadelphia
- *Spillovers from Universities: Evidence from the Land-Grant Program*, **Shimeng Liu**, University of Southern California
- *The Role of the Environment in Knowledge Creation Dynamics*, **Marcus Berliant**, Washington University in St. Louis; **Masahisa Fujita**, RIETI
- *Good Firms, Worker Flows and Local Productivity*, **Michel Serafinelli**, University of Toronto

Discussants:

Marcus Berliant, Washington University in St. Louis

Jeffrey Lin, Federal Reserve Bank of Philadelphia

Michel Serafinelli, University of Toronto
Shimeng Liu, University of Southern California

92. UEA 05C: Student II: History, Path Dependence and Theory *Friday Nov 14 | 8:00 AM–10:00 AM | Judiciary Suite*

Chair: Henri Busson, University Rennes 1

- *Path Dependence and Regional Development: Evidence From China's "Third Front" Movement*, **Jingting Fan**
- *Does History Fully Determine the Spatial Dispersion of Human Capital?*, **Henri Busson**, University Rennes 1
- *Unemployment Dispersion and City Configurations: Beyond the Bid Rent Theory*, **Vincent Boitier**, Université Paris 1 Panthéon-Sorbonne
- *Causal Evidence on Quality of Life and Population Size Using Historical Mines*, **Stefan Leknes**, Norwegian University of Science and Technology

Discussants:

Henri Busson, University Rennes 1

Stefan Leknes, Norwegian University of Science and Technology

Jingting Fan

Vincent Boitier, Université Paris 1 Panthéon-Sorbonne

93. UEA 05B: Urban Travel: Patterns, Infrastructure and Tolling *Friday Nov 14 | 8:00 AM–10:00 AM | Old Georgetown Room*

Chair: Jan K. Brueckner, University of California, Irvine

- *Long-Run Gasoline Demand and Shifts in Urban Travel Patterns*, **Nathaniel Baum-Snow**, Brown University; **Yong Suk Lee**, Stanford University
- *Express Delivery to the Suburbs: Transport Infrastructure and European Cities*, **Miquel-Angel Garcia-Lopez**, Universitat Autònoma de Barcelona; **Ilias Pasidis**, Universitat de Barcelona & Institut d'Economia de Barcelona; **Elisabet Viladecans-Marsal**, Universitat de Barcelona & Institut d'Economia de Barcelona
- *On the Political Economy of Cordon Tolls and Housing Markets*, **Bruno L. De Borger**, University of Antwerp; **Antonio Russo**, KOF, ETH Zurich
- *Cordon Tolling in a City with Congested Bridges*, **Jan K. Brueckner**, University of California, Irvine

Discussants:

Ilias Pasidis, Universitat de Barcelona & Institut d'Economia de Barcelona

Nathaniel Baum-Snow, Brown University

Jan K. Brueckner, University of California, Irvine

Antonio Russo, KOF, ETH Zurich

10:00 AM–10:30 AM

94. Coffee Break *Friday Nov 14 | 10:00 AM–10:30 AM | Crystal Ballroom Foyer*

10:30 AM–12:30 PM

95. Population, Labour, and Regional Science V: Migration *Friday Nov 14 | 10:30 AM–12:30 PM | Ambassador Room*

Organizers: Matthew James Roskrige, University of Waikato; **Jacques Poot**, University of Waikato

Chair: Jaewon Lim, University of Nevada, Las Vegas

- *Understanding the Determinants and Impact of Migration Flows*, **Robert Dinterman**, North Carolina State University; **John Pender**, U.S. Department of Agriculture; **Mitch Renkow**, North Carolina State University; **Ivan Kandilov**, North Carolina State University
- *Crime and Migration: The Case of the E.U. Enlargement*, **Juan Tomas Sayago-Gomez**, West Virginia University
- *Place or People Prosperity? In Chile Still is a Question*, **Patricio Aroca**, Adolfo Ibañez University; **Diego Pereira**, Adolfo Ibañez University; **Juan Pedro Eberhard**, Adolfo Ibañez University

- *Outmigration from the Epicenters of Housing Bubble Burst during and in the Aftermath of Great Recession in the U.S.*, **Jaewon Lim**, University of Nevada, Las Vegas
- *The Regional Effects of International Migration on the Domestic Accumulation of Human Capital*, **Marian Manic**, University of South Carolina

Discussants:

Jaewon Lim, University of Nevada, Las Vegas
Robert Dinterman, North Carolina State University
Juan Tomas Sayago-Gomez, West Virginia University
Marian Manic, University of South Carolina
Patricio Aroca, Adolfo Ibañez University

96. Industry Location and Localization Friday Nov 14 | 10:30 AM–12:30 PM | Diplomat Room

Chair: Carlos Llano, Universidad Autónoma de Madrid

- *Information and Price Dispersion: Evidence from Retail Gasoline*, **Dieter Pennerstorfer**, Austrian Institute of Economic Research; **Philipp Schmidt-Dengler**, University of Mannheim; **Nicolas Schutz**, University of Mannheim; **Christoph Weiss**, Vienna University of Economics and Business; **Biliana Yontcheva**, Vienna University of Economics and Business
- *Spatial Distribution of Mammography Equipment in Brazil*, **Pedro Amaral**, Universidade Federal de Minas Gerais; **Luciana Luz**, Universidade Federal de Minas Gerais; **Francisco Cardoso**, Universidade Federal de Minas Gerais; **Rosiene Freitas**, Universidade Federal de Minas Gerais
- *Industrial Localization and International Openness in a Long-Run Perspective: Evidences and Enigmas for the Spanish Case*, **Jorge Díaz-Lanchas**, Universidad Autónoma de Madrid; **Nuria Gallego**, Universidad Autónoma de Madrid; **Carlos Llano**, Universidad Autónoma de Madrid; **Jose-Luis Zofio**, Universidad Autónoma de Madrid
- *How Do Capital Structure, Market Structure, and Market Focus Affect Incumbents' Responses to Entry Threat and to Actual Entry? An Empirical Study on the U.S. Airline Industry*, **Chao Ma**, Ohio State University

Discussants:

Chao Ma, Ohio State University
Dieter Pennerstorfer, Austrian Institute of Economic Research
Pedro Amaral, Universidade Federal de Minas Gerais
Carlos Llano, Universidad Autónoma de Madrid

97. Sources of Economic Growth Friday Nov 14 | 10:30 AM–12:30 PM | Embassy Suite

Chair: Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

- *Economic Growth and Industrial Structure in Bayesian Spatio-Temporal Model*, **Tetyana Z. Beregovska**, University of Missouri
- *Rural Electrification, Urban Growth, and Economic Development: Evidence from the Rollout of the U.S. Power Grid*, **Joshua Lewis**, University of Montreal; **Edson R. Severnini**, Carnegie Mellon University
- *Immigration and Economic Growth in Metropolitan Areas*, **Xiaochu Hu**, George Mason University
- *Cross-Sectional Growth in U.S. Cities from 1990 to 2000*, **Rafael Gonzalez-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

Discussants:

Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
Tetyana Z. Beregovska, University of Missouri
Joshua Lewis, University of Montreal
Xiaochu Hu, George Mason University

98. Regional Income Inequality Friday Nov 14 | 10:30 AM–12:30 PM | Executive Boardroom

Chair: Daniel Felsenstein, Hebrew University

- *Per Capita Income Divergence Among U.S. Metropolitan Areas*, **John Connaughton**, University of North Carolina, Charlotte; **Caroline Swartz**, University of North Carolina, Charlotte; **Douglas Woodward**, University of South Carolina
- *Why Has Regional Income Convergence in the U.S. Declined?*, **Daniel Shoag**, Harvard Kennedy School; **Peter Ganong**, Harvard University

- *Regional Income Convergence – A Revised Approach Based on the Regional PPP Deflators*, **Bartłomiej Rokicki**, University of Warsaw; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *The Multilevel Convergence and Its Components*, **Alberto Diaz-Dapena**, University of Oviedo; **Fernando Rubiera-Morollón**, University of Oviedo; **Dusan Paredes-Araya**, Universidad Católica del Norte, Chile
- *Does E.U. Foreign Direct Investment Polarize Regional Inequality? A Methodological Proposal Applied to Israel*, **Daniel Felsenstein**, Hebrew University; **Michael Beenstock**, Hebrew University of Jerusalem; **Ziv Rubin**, Hebrew University of Jerusalem

Discussants:

Daniel Felsenstein, Hebrew University
John Connaughton, University of North Carolina, Charlotte
Daniel Shoag, Harvard Kennedy School
Bartłomiej Rokicki, University of Warsaw
Alberto Diaz-Dapena, University of Oviedo

99. Migration and Labor Market Dynamics II Friday Nov 14 | 10:30 AM–12:30 PM | Lalique Suite

Chair: Lina Bjerke, Jönköping International Business School

- *The Impact of Immigration on the Wages of Spanish Cities Considering Labor Qualifications*, **Diana Gutiérrez**, University of Oviedo; **Fernando Rubiera-Morollón**, University of Oviedo; **Dusan Paredes-Araya**, Universidad Católica del Norte, Chile
- *Inertial Labor Mobility, Wage Expectations and Regional Amenities: Formal Labor Evidence for Brazil*, **Eduardo Gonçalves**, Federal University of Juiz de Fora; **Verônica Lameira**, Federal University of Minas Gerais; **Ricardo Da Silva Freguglia**, Federal University of Juiz de Fora
- *Internal Migration and Income Differentials: Evidence of Bogota (Colombia) Using Matching Methods*, **Hernan Enriquez**, Universidad Sergio Arboleda; **Dusan Paredes-Araya**, Universidad Católica del Norte, Chile
- *Urban-Rural Migration and the Agglomeration Wage-Premium - A Micro-Data Assessment*, **Lina Bjerke**, Jönköping International Business School; **Johan Klaesson**, Jönköping International Business School

Discussants:

Lina Bjerke, Jönköping International Business School
Diana Gutiérrez, University of Oviedo
Ricardo Da Silva Freguglia, Federal University of Juiz de Fora
Hernan Enriquez, Universidad Sergio Arboleda

100. Housing Prices and Markets II Friday Nov 14 | 10:30 AM–12:30 PM | Patuxent Suite

Chair: Junior Burssens, Ghent University

- *Stormwater Management Practices and Suburban House Prices*, **Nicholas Irwin**, Ohio State University; **H. Allen Klaiber**, Ohio State University
- *Hedonic Pricing with Spatial Dependency of Property Values in a Tornado Alley: A Case Study of Pulaski County, Arkansas*, **Gregory Hamilton**, University of Arkansas, Little Rock
- *House Prices and School Quality: Instruments, Signaling, Usage and Perceptions*, **David Brasington**, University of Cincinnati
- *Renewable Energy and Negative Externalities: The Effect of Wind Turbines on House Prices*, **Martijn Dröes**, VU University Amsterdam/University of Amsterdam; **Hans R.A. Koster**, VU University Amsterdam
- *Housing Prices and Traffic Calming Using Speed Cameras: A Hedonic Pricing Approach*, **Carine Maria Smolders**, Ghent University; **Junior Burssens**, Ghent University

Discussants:

Junior Burssens, Ghent University
Nicholas Irwin, Ohio State University
Gregory Hamilton, University of Arkansas, Little Rock
David Brasington, University of Cincinnati
Martijn Dröes, VU University Amsterdam/University of Amsterdam

101. Transportation Infrastructure Impacts II Friday Nov 14 | 10:30 AM–12:30 PM | Potomac Suite

Chair: Manon Solignac, CIRED

- *Sustainable Mobility Assessment Using Mobility Indicators for Urban Planning Decision Support*, **Nicolas Ovtracht**, CNRS; **Yves Crozet**, University of Lyon; **Aurelie Mercier**, University of Lyon
- *The Role of the Built Environment in Supporting Transit Ridership: Local and Regional Model*, **Ali Saeed Bokhari**, University of Queensland; **Glen Searle**, University of Queensland; **Jonathan Corcoran**, University of Queensland
- *High Speed Rail System as a Sustainable Transportation Mode? Assessment of the Energy Consumption, Carbon Emission and Ecological Effect in South Korea*, **Minsu Son**, Seoul National University; **Hong Sok Brian Kim**, Seoul National University
- *Electric Vehicle Development and City Shape*, **Manon Solignac**, CIRED
- *Exploring the Relationship between Urban Form and Commuting Using New Measures of Urban Sprawl for U.S. Metros*, **Ann Hartell**, WU/Vienna University of Economics and Business

Discussants:

Ann Hartell, WU/Vienna University of Economics and Business
Nicolas Ovtracht, CNRS
Ali Saeed Bokhari, University of Queensland
Minsu Son, Seoul National University
Manon Solignac, CIRED

102. Disasters: Resilience and Risk II Friday Nov 14 | 10:30 AM–12:30 PM | Severn Suite

Chair: Bokjin Roh, University of Arizona

- *Estimating the Economic Impact of Natural Disasters by Input-Output: Literature Review, Methodology and Possible Extensions*, **Bokjin Roh**, University of Arizona; **Sandy Dall Erba**, University of Arizona
- *Vulnerability to Poverty and Resilience in Natural Disasters: What Happens When the Earth Shakes?*, **Benjamin A. Jara Valencia**, Ohio State University
- *Spatial Rainfall Analysis and Estimates under Climate Change in Philippine Mindanao Regions for Effective Disaster Risk Management*, **Ma. Dely Panelo Esberto**, University of Southern Mindanao
- *Spatio-Temporal Analysis of Urban Risk: A Case of Flood in Urban Areas in Udonthani, Thailand*, **Nij Tontisirin**, Thammasat University; **Wijitbusaba Marome**, Thammasat University; **Sutee Anantsuksomsri**, Waseda University

Discussants:

Sutee Anantsuksomsri, Waseda University
Bokjin Roh, University of Arizona
Benjamin A. Jara Valencia, Ohio State University
Ma. Dely Panelo Esberto, University of Southern Mindanao

103. Models of Regional Growth and Development II Friday Nov 14 | 10:30 AM–12:30 PM | Susquehanna Suite

Chair: Cesar M. Rodriguez, Portland State University

- *Growth, Stability, and Resilience of Regions*, **Jinwoo Kwon**, Rutgers University; **Michael L. Lahr**, Rutgers University
- *Policy Changes and the Evolution of Regional Economic Cycles*, **Hasan Engin Duran**, Izmir Institute of Technology; **Ugo Fratesi**, Politecnico di Milano
- *The Effect of State and Local Taxes on Economic Growth: A Dynamic Panel Approach*, **Jerome Segura III**, Oklahoma City University
- *Who Cares about Regional Inequalities? Effects of Fiscal Consolidation*, **Vinko Mustra**, University of Split
- *What Makes Landlocked Countries Poorer?*, **John Gallup**, Portland State University; **Cesar M. Rodriguez**, Portland State University

Discussants:

Cesar M. Rodriguez, Portland State University
Jinwoo Kwon, Rutgers University
Ugo Fratesi, Politecnico di Milano
Jerome Segura III, Oklahoma City University
Vinko Mustra, University of Split

104. Urban Growth and Change Friday Nov 14 | 10:30 AM–12:30 PM | Tiffany Salon

Chair: **Andrea Caragliu**, Politecnico di Milano

- *Risk, Property, Markets, and the Economy of Commercial Cities*, **John R. Miron**, University of Toronto
- *A Tale of Two Cities: How Community and Societal Forces Have Shaped the Adaptation of Barcelona and Madrid since Democratic Transition*, **Andrés Rodríguez-Pose**, London School of Economics; **Thomas Farole**, World Bank; **Daniel Hardy**, London School of Economics
- *Measuring Complementarities between Cities in the Korean Southeastern Region: A Network City Approach*, **Jungyul Sohn**, Seoul National University
- *Private Investment and the Effects of Decentralisation and Regional Competition in Mexican Cities*, **Cristina I. Ibarra-Armenta**, University of Glasgow
- *The Winner Takes It All: Forward-Looking Cities and Urban Innovation*, **Andrea Caragliu**, Politecnico di Milano; **Chiara F. Del Bo**, Università degli Studi di Milano; **Peter Nijkamp**, VU University Amsterdam; **Karima Kourtit**, VU University Amsterdam

Discussants:

Andrea Caragliu, Politecnico di Milano

John R. Miron, University of Toronto

Daniel Hardy, London School of Economics

Jungyul Sohn, Seoul National University

Cristina I. Ibarra-Armenta, University of Glasgow

105. GeoComputation 5: Spatial Agent-based Modeling Friday Nov 14 | 10:30 AM–12:30 PM | Waterford Suite

Organizers: **Suzana Dragicevic**, Simon Fraser University; **Jean-Claude Thill**, University of North Carolina, Charlotte

Chair: **Atesmachew B. Hailegiorgis**, George Mason University

- *An Agent-Based Approach to Modeling Impacts of Permafrost on Infrastructure and Human Mobility*, **Atesmachew B. Hailegiorgis**, George Mason University; **Jose Manuel Magallanes**, George Mason University; **Jeff Bassett**, George Mason University; **Joey Harrison**, George Mason University; **Brendon Fuhs**, George Mason University; **Daniel Rogers**, Smithsonian Institution; **Claudio Cioffi-Revilla**, George Mason University
- *Investigating Spatial Sensitivities in Coastal Development Dynamics in Response to Coastal Amenities, Risk Perceptions, and a Changing Storm Climate*, **Nicholas R. Magliocca**, National Socio-Environmental Synthesis Center; **Margaret A. Walls**, Resources for the Future; **Virginia D. McConnell**, Resources for the Future
- *An Agent-Based Model of Human Migration in Response to Climate Change Impacts in Northern Latitudes*, **Brendon Fuhs**, George Mason University; **Jeff Bassett**, George Mason University; **Atesmachew B. Hailegiorgis**, George Mason University; **Jose Manuel Magallanes**, George Mason University; **Joey Harrison**, George Mason University; **William Kennedy**, George Mason University; **Daniel Rogers**, Smithsonian Institution; **Claudio Cioffi-Revilla**, George Mason University
- *Simulating Slum Policies Using a Spatial Multi-Agent Decision Support System*, **Amit Patel**, George Mason University; **Andrew Crooks**, George Mason University; **Naoru Koizumi**, George Mason University

Discussants:

Amit Patel, George Mason University

Brendon Fuhs, George Mason University

Nicholas R. Magliocca, National Socio-Environmental Synthesis Center

Atesmachew B. Hailegiorgis, George Mason University

106. Applications of New Sources of (Big) Data in Regional Science II Friday Nov 14 | 10:30 AM–12:30 PM | Baccarat Suite

Organizers: **Daniel Arribas-Bel**, University of Birmingham; **David C. Folch**, Florida State University

Chair: **Daniel Arribas-Bel**, University of Birmingham

- *Neighborhood Effects in a Behavioral Randomized Controlled Trial*, **Tammy Leonard**, University of Dallas; **Sandi Pruitt**, University of Texas, Southwestern Medical Center; **Amy Hughes**, University of Texas, Dallas; **James C. Murdoch**; **Amy McQueen**; **Samir Gupta**

- *The Spatial Pattern of Inequality within Cities and Its Relation with the Local Economy*, **Philipp vom Berge**, Insitute for Employment Research; **Norbert Schanne**, Insitute for Employment Research; **Christopher-Johannes Schild**, IAB Institute for Employment Research; **Anja Wurdack**, IAB Institute for Employment Research
- *Spatial and Social Frictions in the City: Evidence from Yelp*, **Donald R. Davis**, Columbia University; **Jonathan I. Dingel**, University of Chicago; **Joan Monras**, Sciences Po; **Eduardo Morales**, Princeton University
- *"The Magic's in the Recipe" - Urban Diversity and Popular Amenities*, **Daniel Arribas-Bel**, University of Birmingham; **Jessie Bakens**, VU University Amsterdam
- *Local Diversity, Demographic Sorting and the Urban Landscape*, **Vikram Maheshri**, University of Houston; **Gregorio S. Caetano**, University of Rochester

Discussants:

Daniel Arribas-Bel, University of Birmingham
Tammy Leonard, University of Dallas
Norbert Schanne, Insitute for Employment Research
Vikram Maheshri, University of Houston
Donald R. Davis, Columbia University

107. Location Modeling and Spatial Analytics II Friday Nov 14 | 10:30 AM–12:30 PM | Cabinet Suite

Organizers: **Alan T. Murray**, Drexel University; **Tony H. Grubestic**, Drexel University

Chair: **Ran Wei**, University of Utah

- *Detecting Racial Gerrymandering Using Normalized Mass Moment of Inertia Methods*, **Levi J. Wolf**, Arizona State University; **Wenwen Li**, Arizona State University; **Chao Fan**, Arizona State University; **Alan T. Murray**, Drexel University
- *Local Spatiotemporal Modeling of House Prices: A Mixed Model Approach*, **Jing Yao**, University of St. Andrews; **Stewart Fotheringham**, Arizona State University
- *Alcohol Access and Availability: Measuring Potential in Washington State*, **Tony H. Grubestic**, Drexel University; **Ran Wei**, University of Utah
- *Exploring the Effects of Scalable Housing Submarket Delineation and Neighborhood Definition on Spatial Hedonic Modeling*, **Gunhak Lee**, Seoul National University; **Daecheon Cho**, Seoul National University; **Kamyong Kim**, Kyungpook National University

Discussants:

Gunhak Lee, Seoul National University
Levi J. Wolf, Arizona State University
Jing Yao, University of St. Andrews
Tony H. Grubestic, Drexel University

108. Regional/Rural Development V: Policy Friday Nov 14 | 10:30 AM–12:30 PM | Haverford Suite

Organizers: **Stephan Weiler**, Colorado State University; **Sarah Low**, USDA, Economic Research Service

Chair: **Peter Stenberg**, USDA, Economic Research Service

- *Do Welfare Recipients Respond the Same to TANF and Low-Income Policies Across Urban and Rural Regions?*, **Donald Hirasuna**, U.S. Government Accountability Office
- *A Comparison of Habermas's and Economist's Approaches to Social Capital*, **Roger Bolton**, Williams College
- *Racial Diversity, Poverty, And Achievement Gap in Georgia's Public Schools*, **Simone Angioloni**, University of Georgia
- *Regional Aspects of Social Mobility and Equality of Opportunities in Colombia*, **Luis A. Galvis**, Banco de la República, Colombia; **Adolfo Meisel**, Banco de la República, Colombia
- *Rural Broadband Investment over the Last Decade: Federal Policy and Rural Economies*, **Peter Stenberg**, USDA, Economic Research Service

Discussants:

Cynthia Rogers, University of Oklahoma
Peter Stenberg, USDA, Economic Research Service
Carlos Asarta, University of Delaware

Knut Westernen, Nord-Trøndelag University College
Luis A. Galvis, Banco de la República, Colombia

109. Regional Development V: Food and Drink Sector Friday Nov 14 | 10:30 AM–12:30 PM | Cartier Salon

Organizers: **Alessandra Faggian**, Ohio State University; **Elizabeth Mack**, Arizona State University

Chair: **Neil Reid**, University of Toledo

- *From Yellow Fizz to Big Biz: American Craft Beer Comes of Age*, **Neil Reid**, University of Toledo; **Ralph McLaughlin**, San Jose State University; **Michael S. Moore**, University of Toledo
- *The Location Determinants of Microbreweries and Brewpubs in the United States*, **Ralph McLaughlin**, San Jose State University; **Neil Reid**, University of Toledo; **Michael S. Moore**, University of Toledo
- *Ohio's Brewing Industry and Cluster Targeting: A Case for Craft Beer as a Development Opportunity*, **Michael S. Moore**, University of Toledo
- *Defining and Measuring Local Foods for Policy and Research: Implications for Local Economic Impact Analysis and the Food Safety Modernization Act*, **Sarah Low**, USDA, Economic Research Service
- *Innovative Regional Policy Approaches to Strengthen Local and Regional Food Systems*, **Aaron Adalja**, University of Maryland, College Park

Discussants:

Amanda L. Weinstein, University of Akron
Mark D. Partridge, Ohio State University
Ralph McLaughlin, San Jose State University
Aaron Adalja, University of Maryland, College Park
Sarah Low, USDA, Economic Research Service

110. UEA 06A: New Models of Urban Structure, Employment and Social Interactions Friday Nov 14 | 10:30 AM–12:30 PM | Congressional Room

Chair: **Pierre M. Picard**, University of Luxembourg

- *Urban Density and the Substitution of Market Purchases for Home Production*, **Daniel Patrick Murphy**, University of Virginia
- *Urban Spatial Structure, Employment and Social Ties*, **Pierre M. Picard**, University of Luxembourg; **Yves Zenou**, Stockholm University
- *How Urbanization Affect Employment and Social Interactions*, **Yasuhiro Sato**, Osaka University; **Yves Zenou**, Stockholm University
- *Existence and Uniqueness of Equilibrium for a Spatial Model of Social Interactions*, **Pascal Mossay**, University of Reading

Discussants:

Pierre M. Picard, University of Luxembourg
Daniel Patrick Murphy, University of Virginia
Pascal Mossay, University of Reading
Yasuhiro Sato, Osaka University

111. UEA 06C: Taxation, Location and Revenues Friday Nov 14 | 10:30 AM–12:30 PM | Judiciary Suite

Chair: **Kurt Schmidheiny**, Universität Basel

- *The Fiscal Impact of Higher Density Housing within America's Suburbs*, **Christopher Marshall Clapp**, Florida State University; **Keith Ihlanfeldt**, Florida State University
- *The Sprawling Benefits of Housing Tax Policy*, **Andrew Hanson**, Marquette University; **Zackary Hawley**, Texas Christian University
- *Mobility and Progressive Taxation*, **Marcus Roller**, University of Basel; **Kurt Schmidheiny**, Universität Basel
- *Do Capital Tax Incentives Attract New Businesses? Evidence across Industries from the New Markets Tax Credit*, **Kaitlyn Harger**, West Virginia University; **Amanda Ross**, West Virginia University

Discussants:

Amanda Ross, West Virginia University
Kurt Schmidheiny, Universität Basel
Keith Ihlanfeldt, Florida State University
Andrew Hanson, Marquette University

112. UEA 06B: Student III: Education and Crime in the Neighborhood Friday Nov 14 | 10:30 AM–12:30 PM | Old Georgetown Room

Chair: Sarah A. Cordes, New York University

- *Does Residential Mobility Harm Student Performance*, **Sarah A. Cordes**, New York University; **Amy Ellen Schwartz**, New York University; **Leanna Stiefel**, New York University
- *Danger Zone: The Causal Effects of High-Density and Mixed-Use Development on Neighborhood Crime*, **Tate Twinam**, University of Pittsburgh
- *There Goes the Neighborhood: Does Tipping Behavior Exist among Income Groups?*, **Thom Malone**, University of Southern California

Discussants:

Tate Twinam, University of Pittsburgh

Thom Malone, University of Southern California

Sarah A. Cordes, New York University

12:30 PM–1:30 PM

113. RSAI Council Meeting (Invitation Only) Friday Nov 14 | 12:30 PM–1:30 PM | Chairman's Boardroom

12:30 PM–2:30 PM

114. SRSA Council Meeting (Invitation Only) Friday Nov 14 | 12:30 PM–2:30 PM | Hyatt Daily Grill Restaurant

Organizer: John Sporing

115. RSAI Fellows Luncheon (Invitation Only) Friday Nov 14 | 12:30 PM–2:30 PM | Hyatt Daily Grill Restaurant

Organizer: David Boyce, Northwestern University

1:30 PM–3:30 PM

116. Population, Labour, and Regional Science VI: Labor Markets and Employment I Friday Nov 14 | 1:30 PM–3:30 PM | Ambassador Room

Organizers: Matthew James Roskrige, University of Waikato; Jacques Poot, University of Waikato

Chair: Howard Wall, Lindenwood University

- *Classification of Regional Labour Markets for Purposes of Research and of Labour Market Policy*, **Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung; **Franziska Hirschenauer**, IAB Institute for Employment Research
- *Tax Breaks: What We Can Learn from Discontinuities in the Tax Scheme on Labor Supply, Bargaining Power and the Wage Elasticity of Locational Choice*, **Franziska Hawranek**, University of Regensburg; **Daniel F. Heuermann**, University of Regensburg; **Florian Freund**, University of Regensburg; **Philipp vom Berge**, Insitute for Employment Research
- *Heterogeneous Impacts of the U.S. Financial Crisis on Household Finances*, **Tammy Leonard**, University of Dallas; **Victoria Obiadazi**, University of Texas, Dallas
- *Effects of Unemployment on Mental Health: Evidence from Subsidized Housing Recipients*, **Paul E. McNamara**, University of Illinois, Urbana-Champaign; **Hanbum Lee**, University of Illinois, Urbana-Champaign
- *Does U.S. Labor Market Exist?*, **Jaya Dey**, Saint Louis University; **Howard Wall**, Lindenwood University; **David Rapach**, Saint Louis University

Discussants:

Howard Wall, Lindenwood University

Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung

Franziska Hawranek, University of Regensburg

Tammy Leonard, University of Dallas

Hanbum Lee, University of Illinois, Urbana-Champaign

117. Movement and Place Friday Nov 14 | 1:30 PM–3:30 PM | Lalique Suite

Chair: Seong Do Yun, Purdue University

- *Mobility and Inequality: Evidence from the Second Intifada*, **Alexei Sisulu Abrahams**, Brown University
- *Social Capital, Social Networks, and Inequality: An Agent-Based Network Model of Preferential Attachment in Space*, **Jae Beum Cho**, Cornell University; **Yuri Mansury**, Cornell University
- *An Investment in Bonding and Bridging Social Capital: The Case of the Netherlands*, **Zhiling Wang**, VU University Amsterdam; **Thomas de Graaff**, VU University Amsterdam; **Peter Nijkamp**, VU University Amsterdam
- *A Migration Model of Loss-Aversion: The Role of Economic Prospect and Spatial Referencing*, **Seong Do Yun**, Purdue University; **Brigitte S. Waldorf**, Purdue University

Discussants:

Seong Do Yun, Purdue University

Alexei Sisulu Abrahams, Brown University

Jae Beum Cho, Cornell University

Zhiling Wang, VU University Amsterdam

118. Housing Prices and Markets III Friday Nov 14 | 1:30 PM–3:30 PM | Patuxent Suite

Chair: Esteban Lopez, University of Illinois

- *Traffic Congestion, Accessibility and Single-Family Housing Price*, **Yuting Hou**, University of Southern California
- *Clandestine Methamphetamine Production and Home Prices: A Hedonic Home Price Study*, **Bern Caudill Dealy**, University of New Mexico; **Kevin Pearson**
- *Housing Prices, Gasoline Cost and the Real Estate Crash of 2007-09*, **Waldemar Marz**, ifo Institute; **Frank Goetzke**, University of Louisville
- *Capitalization of Property Tax Relief in Home Prices: Evidence from Virginia Elections*, **Scott A. Wentland**, Longwood University; **Jeremy G. Moulton**, University of North Carolina, Chapel Hill; **Bennie D. Waller**, Longwood University
- *Estimating the Demand for Housing Attributes in Developing Countries: The Case of Chile*, **Esteban Lopez**, University of Illinois; **Dusan Paredes-Araya**, Universidad Católica del Norte, Chile

Discussants:

Esteban Lopez, University of Illinois

Yuting Hou, University of Southern California

Bern Caudill Dealy, University of New Mexico

Frank Goetzke, University of Louisville

Scott A. Wentland, Longwood University

119. Transportation: Networks and Modes I Friday Nov 14 | 1:30 PM–3:30 PM | Potomac Suite

Chair: Pauline Charnoz, Paris Sud

- *Empirical Analysis of Delivery Vehicle On-Street Service Pattern in the Manhattan Area with Disaggregate Data*, **Wei Zou**, RPI; **Xiaokun (Cara) Wang**, Rensselaer Polytechnic Institute
- *The Impacts of Moving Block Signalling on Technical Efficiency: An Application of Propensity Score Matching on Urban Metro Systems*, **Shane Canavan**, Imperial College London; **Daniel J. Graham**, Imperial College London; **Patricia C. Melo**, The James Hutton Institute; **Richard J. Anderson**, Imperial College London
- *Consumer Surplus: Does it Need an Apology?*, **Christiaan L. Behrens**, VU University Amsterdam; **Erik Verhoef**, VU University Amsterdam
- *Is High-Speed Rail a Business Communication Technology? Evidence from French Multi-Plant Businesses*, **Pauline Charnoz**, Paris Sud; **Claire Lelarge**; **Corentin Trevien**

Discussants:

Pauline Charnoz, Paris Sud

Wei Zou, RPI

Shane Canavan, Imperial College London

Christiaan L. Behrens, VU University Amsterdam

120. Environmental Quality Friday Nov 14 | 1:30 PM–3:30 PM | Severn Suite

Chair: Zhiyou Yang, Renmin University of China

- *The Theoretical Proof to the Existence of Environmental Kuznets Curve*, **Zheng Wang**; **Hongyang Yu**, Esat China Normal University
- *Province-Level Convergence of China CO2 Emission Intensity*, **Xueting Zhao**, West Virginia University; **J. Wesley Burnett**, West Virginia University; **Donald J. Lacombe**, West Virginia University
- *The Amazon Region through an Input-Output Analysis View*, **Denise Imori**, University of São Paulo; **Joaquim J.M. Guilhoto**, University of São Paulo; **Robert Walker**, University of Florida
- *Strategic Interaction of Public Environmental Expenditures and Its Effects on Environmental Quality in China: A Spatial Panel Approach*, **Zhiyou Yang**, Renmin University of China; **Haoying Wang**, Pennsylvania State University; **Zhuang Gao**, Renmin University of China

Discussants:

Zhiyou Yang, Renmin University of China

Hongyang Yu, Esat China Normal University

Xueting Zhao, West Virginia University

Joaquim J.M. Guilhoto, University of São Paulo

121. Trade and Productivity Friday Nov 14 | 1:30 PM–3:30 PM | Susquehanna Suite

Chair: Sergey Kichko, National Research University Higher School of Economics

- *Determinants of Embodied Value-Added Contents in Trade along Global and Regional Value Chains*, **Yamano Norihiko**, University of Illinois; **Eiichi Nakazawa**, Meikai University
- *Free Trade Agreements and Firm-Product Markups in Chilean Manufacturing*, **Andrea R. Lamorgese**, Bank of Italy; **Andrea Linarello**, Bank of Italy; **Frederic Warzinsky**, Aarhus University
- *Impact of Economic Sanctions on Myanmar's Trade: A Gravity Approach*, **Jinhwan Oh**, Ewha Womans University; **Nara Lee**, Ewha Womans University
- *Optimality, Relative Factor Endowments and Distortions from Trade*, **Sergey Kichko**, National Research University Higher School of Economics; **Philipp Ushchev**, Higher School of Economics
- *Losses from Trade in Krugman's Model: Almost Impossible*, **Igor Bykadorov**, IM SB RAS, NRU NSU, NRU HSE; **Alexey Gorn**, Bocconi University; **Sergey Kokovin**, NRU HSE, NRU NSU, Institute of Mathematics SBRAS

Discussants:

Igor Bykadorov, IM SB RAS, NRU NSU, NRU HSE

Yamano Norihiko, University of Illinois

Andrea R. Lamorgese, Bank of Italy

Jinhwan Oh, Ewha Womans University

Sergey Kichko, National Research University Higher School of Economics

122. Urban Economic Theory and Applications Friday Nov 14 | 1:30 PM–3:30 PM | Tiffany Salon

Chair: Herman Li, University of Nevada, Las Vegas

- *A Dynamic Extension of the Urban Spatial Equilibrium Model*, **Yuh Yamashita**, Hokkaido University; **Mitsuru Ota**, University of Tsukuba
- *Where Have All the Good Doctors Gone? A Theoretical and Empirical Investigation into the Effect of Housing Cost and Land Prices on the Location Choice of Practicing Doctors in the State of California*, **Stephen J. Popick**, George Washington University
- *Land Values: Size Matters-Up to a Point*, **Herman Li**, University of Nevada, Las Vegas; **Terrence M. Clauretie**, University of Nevada, Las Vegas
- *Space Allocation and Departmentalisation within High-Rise Urban Shopping Centres in Seoul*, **Koo-young Han**, Seoul National University; **Kyung-min Kim**, Seoul National University

Discussants:

Koo-young Han, Seoul National University

Mitsuru Ota, University of Tsukuba

Stephen J. Popick, George Washington University

Herman Li, University of Nevada, Las Vegas

123. Energy and Natural Resources Friday Nov 14 | 1:30 PM–3:30 PM | Waterford Suite

Chair: Tim Komarek, Old Dominion University

- *The Local Economic Impacts of Unconventional Shale Development*, **Ralph Mastromonaco**, University of Oregon; **Peter Maniloff**, Colorado School of Mines
- *Producing Energy, Protecting Food: Does Shale Energy Production Affect Retail Food Options in Rural Communities?*, **Mike Betz**, Ohio State University; **Jill Clark**, Ohio State University; **Peter Chen**, Arkansas Tech
- *Economic Development Planning in Energy Rich Regions in the US and China: A CGE Analysis*, **Hodjat Ghadimi**, West Virginia University
- *Calculate and Forecast Shadow Prices of Kinds of Consumption Water in China and its Nine Major River Basins*, **Xiuli Liu**, Academy of Mathematics and Systems Science, Chinese Academy of Sciences
- *Crime and Natural Resource Booms: Evidence from Unconventional Natural Gas Production*, **Tim Komarek**, Old Dominion University

Discussants:

Tim Komarek, Old Dominion University
Ralph Mastromonaco, University of Oregon
Mike Betz, Ohio State University
Hodjat Ghadimi, West Virginia University
Xiuli Liu, Academy of Mathematics and Systems Science, Chinese Academy of Sciences

124. Applications of New Sources of (Big) Data in Regional Science III Friday Nov 14 | 1:30 PM–3:30 PM | Baccarat Suite

Organizers: **Daniel Arribas-Bel**, University of Birmingham; **David C. Folch**, Florida State University
Chair: **Xinyue Ye**, Kent State University

- *From "Big Noise" to "Big Data": A Case Study of Cross-Validation between Three Large Geographical Datasets on Visitor Flows between Regional Urban Centres*, **Robin Lovelace**, University of Leeds; **Nicolas Malleson**, University of Leeds; **Mark Birkin**, University of Leeds; **Philip Cross**, University of Leeds
- *Digital Neighborhoods*, **Luc Anselin**, Arizona State University; **Sarah Williams**, Massachusetts Institute of Technology
- *Sensitivity of Location-Sharing Services Data: Evidence from American Travel Pattern*, **Zhenhua Chen**, George Mason University; **Laurie A. Schintler**, George Mason University
- *A Framework of Mapping Social Connections in Space and Time*, **Xinyue Ye**, Kent State University; **Chih-Hui Lai**, Nanyang Technological University; **Bing She**, Wuhan University

Discussants:

Zhenhua Chen, George Mason University
Robin Lovelace, University of Leeds
Xinyue Ye, Kent State University
Luc Anselin, Arizona State University

125. Location Modeling and Spatial Analytics III Friday Nov 14 | 1:30 PM–3:30 PM | Cabinet Suite

Organizers: **Alan T. Murray**, Drexel University; **Tony H. Grubestic**, Drexel University
Chair: **Rick Church**, University of California, Santa Barbara

- *A Simple Framework for Parallel Multi-Objective Optimization Using Java*, **Fernando Antonio Medrano**, University of California, Santa Barbara; **Rick Church**, University of California, Santa Barbara
- *Firm Preferences for Skilled Labor and Optimal Biofuel Facility Location in the Southeastern U.S.*, **Dayton M. Lambert**, University of Tennessee; **Burt K. English**, University of Tennessee; **R. J. Menard**, University of Tennessee; **Bradley Wilson**, University of Tennessee
- *Location Decision in a Remote Area: What is the Influence of the Economic Factors (and How It Spatially Varies)?*, **Jean Dube**, Université Laval; **Cédric Brunelle**, Memorial University; **Diego Legros**, Université de Bourgogne
- *Shortest Path Travel Around Obstacles: Enhanced Spatial Processing*, **Insu Hong**, **Alan T. Murray**, Drexel University; **Levi J. Wolf**, Arizona State University
- *Spatial Cournot Competition in a Linear-Circular Market*, **Wen-Chung Guo**, National Taipei University; **Fu-Chuan Lai**, Academia Sinica

Discussants:

Insu Hong

Fu-Chuan Lai, Academia Sinica

Fernando Antonio Medrano, University of California, Santa Barbara

Dayton M. Lambert, University of Tennessee

Jean Dube, Université Laval

126. Regional Systems of Entrepreneurship I Friday Nov 14 | 1:30 PM–3:30 PM | Diplomat Room

Organizers: Haifeng Qian, University of Iowa; Zoltan J. Acs, George Mason University

Chair: Zoltan J. Acs, George Mason University

- *The GMR-Europe.2 Model and Its Application for Entrepreneurship Policy Impact Analysis*, **Attila Varga**, University of Pécs; **Péter Járosi**, University of Pécs; **Tamás Sebestyén**, University of Pécs; **László Szerb**, University of Pécs
- *Measuring the Economic Performance of Regions: Churn and Economic Dynamism*, **Timothy Slaper**, Indiana University
- *Proximity Relations and Innovation Behaviors of Clustering Firms: Different Proximities in the Case of the Optics Cluster in the Greater Paris Region*, **André Torre**, INRA
- *Measuring Regional Entrepreneurship in EU Regions based on the Regional Entrepreneurship and Development Index (REDI) methodology*, **Zoltan J. Acs**, George Mason University; **Laszlo Szerb**, University of Pécs; **Eva Komlosie**, University of Pécs; **Raquel Ortega-Argilés**, University of Groningen

Discussants:

Zoltan J. Acs, George Mason University

Attila Varga, University of Pécs

Timothy Slaper, Indiana University

André Torre, INRA

127. Regional/Rural Development VI: Finance, Incentives, and Global Networks Friday Nov 14 | 1:30 PM–3:30 PM | Haverford Suite

Organizers: Stephan Weiler, Colorado State University; Sarah Low, USDA, Economic Research Service

Chair: Knut Westernen, Nord-Trøndelag University College

- *Economic Development Incentives as a Mechanism for Wealth Concentration*, **Cynthia Rogers**, University of Oklahoma
- *The Institutional Determinants of Credit on American Indian Reservations*, **Peter Grajzl**, Washington and Lee University; **Valentina Dimitrova-Grajzl**, Virginia Military Institute; **Joseph Guse**, Washington and Lee University; **Richard Todd**, Federal Reserve Bank of Minneapolis; **Michael Williams**, Federal Reserve Bank of Minneapolis
- *Money and Monetary Policy in Regional Economics*, **Peter Schaeffer**, West Virginia University; **David Bieri**, University of Michigan
- *Utilization of Innovations by Integrating Them into Companies' Managerial Process*, **Knut Westernen**, Nord-Trøndelag University College; **Maria de Fatima Sales**, Universidade Estadual de Londrina
- *Linking U.S. Diasporas Network for Economic Development in India*, **Isaac Vellangany**, Rutgers University

Discussants:

Richard Todd, Federal Reserve Bank of Minneapolis

Isaac Vellangany, Rutgers University

Simone Angioloni, University of Georgia

Eric Thompson, University of Nebraska, Lincoln

Knut Westernen, Nord-Trøndelag University College

128. Regional Development VI: Growth and Recession Friday Nov 14 | 1:30 PM–3:30 PM | Cartier Salon

Organizers: Alessandra Faggian, Ohio State University; Elizabeth Mack, Arizona State University

Chair: Alessandra Faggian, Ohio State University

- *Institutions vs. Geography - What Drives Economic Growth in Europe's NUTS-2 Regions?*, **Tobias Ketterer**, London School of Economics; **Andrés Rodríguez-Pose**, London School of Economics
- *Global Challenges and European after Crisis Strategies: Alternative Scenarios*, **Roberta Capello**, Politecnico di Milano; **Andrea Caragliu**, Politecnico di Milano; **Ugo Fratesi**, Politecnico di Milano

- *Regional Resilience after a Recession: The Case of the Italian Local Labor Markets*, **Alessandra Faggian**, Ohio State University; **Roberta Gemmiti**, La Sapienza University of Rome; **Isabella Santini**, La Sapienza University of Rome

Discussants:

Andrea Caragliu, Politecnico di Milano
Alessandra Faggian, Ohio State University
Tobias Ketterer, London School of Economics

129. Spatial Econometrics I: Theory Friday Nov 14 | 1:30 PM–3:30 PM | Embassy Suite

Organizer and Chair: Giuseppe Arbia, Università Cattolica del Sacro Cuore

- *"Dirty" Spatial Econometric Modeling*, **Giuseppe Arbia**, Università Cattolica del Sacro Cuore
- *Group Interaction in Research and the Use of General Nesting Spatial Models*, **Paul Elhorst**, University of Groningen; **Peter Burridge**; **Katarina Zigova**, University of Konstanz
- *Does Algorithmic Trading Matter for the Long Term Investors?*, **Purba Mukerji**; **Harry Kelejian**, University of Maryland, College Park

Discussants:

Purba Mukerji
Giuseppe Arbia, Università Cattolica del Sacro Cuore
Paul Elhorst, University of Groningen

130. UEA 07A: International Migration Friday Nov 14 | 1:30 PM–3:30 PM | Congressional Room

Chair: Laurent Gobillon, INED

- *Ethnic Networks and Immigrants Self-Selection: Evidence from Public Housing*, **Gregory Verdugo**, Banque de France; **Morgane Laouenan**, GREQAM & Sciences-Po
- *Homeownership of Immigrants in France*, **Laurent Gobillon**, INED; **Matthieu Solignac**, Sciences Po
- *Immigration and Wage Dynamics: Evidence from the Mexican Peso Crisis*, **Joan Monras**, Sciences Po
- *Illegal Immigration and Fiscal Competition*, **Santiago M. Pinto**, Federal Reserve Bank of Richmond; **Bandyopadhyay Subhayu**, Federal Reserve Bank of St. Louis

Discussants:

Santiago M. Pinto, Federal Reserve Bank of Richmond
Gregory Verdugo, Banque de France
Laurent Gobillon, INED
Joan Monras, Sciences Po

131. UEA 07C: Residents in the City Friday Nov 14 | 1:30 PM–3:30 PM | Judiciary Suite

Chair: Diego Puga, CEMFI

- *City of Dreams*, **Jorge De la Roca**, New York University; **Gianmarco I.P. Ottaviano**, London School of Economics; **Diego Puga**, CEMFI
- *Young Professionals and Urban Revival in America, 2000 to 2010*, **Victor Couture**, University of California, Berkeley; **Jessie Handbury**, University of Pennsylvania
- *Urban Segregation and Cultural Dynamics*, **Emeline Bezin**, Inra; **Fabien Moizeau**, University of Rennes 1
- *The Role of Education for Amenity Based Sorting in British Cities*, **Luisa Gagliardi**, London School of Economics; **Teresa Schlueter**, London School of Economics

Discussants:

Victor Couture, University of California, Berkeley
Jorge De la Roca, New York University
Luisa Gagliardi, London School of Economics
Fabien Moizeau, University of Rennes 1

132. UEA 07B: Urban Land: Value and Use Restrictions Friday Nov 14 | 1:30 PM–3:30 PM | Old Georgetown Room

Chair: David Yves Albouy, University of Illinois

- *The Distribution of Urban Land Values: Evidence from Market Transactions*, **David Yves Albouy**, University of Illinois; **Gabriel Ehrlich**, Congressional Budget Office

- *Agglomeration Economies, Geography and the Value of Urban Land*, **Satyajit Chatterjee**, Federal Reserve Bank of Philadelphia; **Burcu Eyigungor**, Federal Reserve Bank of Philadelphia
- *'Iconic Design' as Deadweight Loss: Rent Acquisition by Design in the Constrained London Office Market*, **Paul Charles Cheshire**, London School of Economics
- *Understanding Floor-Area-Ratio Restrictions on Urban Land Development in China*, **Shihe Fu**, Southwestern University of Finance and Economics; **Yizhen Gu**, University of California, Berkeley; **Junfu Zhang**, Clark University

Discussants:

Satyajit Chatterjee, Federal Reserve Bank of Philadelphia
David Yves Albouy, University of Illinois
Junfu Zhang, Clark University
Paul Charles Cheshire, London School of Economics

3:30 PM–4:00 PM

133. Coffee Break Friday Nov 14 | 3:30 PM–4:00 PM | Crystal Ballroom Foyer

4:00 PM–6:00 PM

134. Population, Labour, and Regional Science VII: Labor Markets and Employment II Friday Nov 14 | 4:00 PM–6:00 PM | Ambassador Room

Organizers: **Matthew James Roskrue**, University of Waikato; **Jacques Poot**, University of Waikato

Chair: **Franziska Hawranek**, University of Regensburg

- *The Impact of Suburbanization on Employment Differences across Gender*, **Maryam Naghsh Nejad**, Institute for Study of Labor; **Amanda Ross**, West Virginia University
- *Perception Factors Explaining the Gender Gap in Business Performance among Hispanic-Owned Small Businesses*, **Elsie L. Echeverri Carroll**, University of Texas, Austin; **Jessie Coe**, University of Texas, Austin
- *The Economic Opportunities for Veterans*, **Amanda L. Weinstein**, University of Akron
- *Occupational Segregation of White Women in the U.S.: Differences across Metropolitan Areas*, **Olga Alonso-Villar**, University of Vigo; **Coral Del Río**, University of Vigo
- *A Neighbor in Need is a Help Indeed? How Unemployed Persons Benefit from Job Referrals in Residential Location Networks*, **Franziska Hawranek**, University of Regensburg; **Norbert Schanne**, Institute for Employment Research

Discussants:

Franziska Hawranek, University of Regensburg
Maryam Naghsh Nejad, Institute for Study of Labor
Elsie L. Echeverri Carroll, University of Texas, Austin
Amanda L. Weinstein, University of Akron
Olga Alonso-Villar, University of Vigo

135. The Creative Class and Creative Regions Friday Nov 14 | 4:00 PM–6:00 PM | Executive Boardroom

Chair: **Amit Batabyal**, Rochester Institute of Technology

- *Is the Creative Class Attracted to Tolerant Neighborhoods? Results from Chicago, Boston and San Diego over 2000-2009*, **Yizhou Zhang**, University of Illinois, Urbana-Champaign; **Chenxi Yu**, University of Illinois, Urbana-Champaign; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Localization of Knowledge Creative Establishments*, **Hiroyasu Inoue**, Osaka Sangyo University; **Kentaro Nakajima**, Tohoku University; **Yukiko Umeno Saito**, Research Institute of Economy, Trade, and Industry
- *Exploring Creativity and Urban Development through Agent-Based Modeling*, **Ammar A. Malik**, George Mason University
- *Digital Technologies, Knowledge Spillovers, Innovation Policies, and Economic Growth in a Creative Region*, **Amit Batabyal**, Rochester Institute of Technology; **Peter Nijkamp**, VU University Amsterdam

Discussants:

Amit Batabyal, Rochester Institute of Technology
Yizhou Zhang, University of Illinois, Urbana-Champaign
Kentaro Nakajima, Tohoku University
Ammar A. Malik, George Mason University

136. Housing Prices and Markets IV Friday Nov 14 | 4:00 PM–6:00 PM | Patuxent Suite

Chair: Philippe Bracke, Bank of England

- *Evaluating the Neighborhood Stabilization Program Using a Difference-In-Differences Matching Approach*, **Xian Fang**, University of Illinois, Urbana-Champaign
- *The Pattern of Appraisal Bias during the Housing Crisis*, **Lei Ding**
- *Financial Position and Bargaining: An Empirical Study on House Price Determination*, **Joep Steegmans**, Utrecht University; **Wolter Hassink**, Utrecht University
- *Underwater Homeowners Resurface: Past and Future*, **Hua Kiefer**, Office of the Comptroller of the Currency; **Leonard C. Kiefer**, Freddie Mac
- *The Time Value of Housing: Evidence from London Residential Leases*, **Philippe Bracke**, Bank of England; **Edward W. Pinchbeck**, London School of Economics

Discussants:

Philippe Bracke, Bank of England
Xian Fang, University of Illinois, Urbana-Champaign
Lei Ding
Joep Steegmans, Utrecht University
Hua Kiefer, Office of the Comptroller of the Currency

137. Transportation: Networks and Modes II Friday Nov 14 | 4:00 PM–6:00 PM | Potomac Suite

Chair: Hiroyuki Shibusawa, Toyohashi University of Technology

- *Air Service and Economic Development*, **Michael C. Carroll**, Bowling Green State University
- *Airport Competition and Its Effect on the Airline's Network when Network Effect is Present*, **Yusuke Teraji**, Tezukayama University
- *Development of a Social Weights Matrix to Consider Friendship Influences on Air Travel*, **Bingling Zhang**, Georgia Institute of Technology; **Kari E. Watkins**, Georgia Institute of Technology; **Gregory S. Macfarlane**, Parsons Brinckerhoff; **Thomas A. Wall**, Georgia Institute of Technology
- *Modal Shift from Road to Sea Transportation by Electric Vehicles*, **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Yuzuru Miyata**, Toyohashi University of Technology

Discussants:

Hiroyuki Shibusawa, Toyohashi University of Technology
Michael C. Carroll, Bowling Green State University
Yusuke Teraji, Tezukayama University
Bingling Zhang, Georgia Institute of Technology

138. Modeling Environmental Issues Friday Nov 14 | 4:00 PM–6:00 PM | Severn Suite

Chair: Mark Burkey, North Carolina A&T State University

- *Promotion Incentives and Enforcement of a Land Preservation Regulation: Do Stringent Quotas Slow Down Construction Land Expansion in China?*, **Li Fang**, University of Maryland, College Park
- *Impact of the Carbon Abatement Policy of Manufacturing Process Control on Household Welfare and Regional Economic Development*, **Yi Sun**, Institute of Policy and Management, Chinese Academy of Sciences; **Zhangqi Zhong**; **Chengjin Xu**; **Zheng Wang**
- *A Hierarchical SLX Probit Model with an Application to Congressional Voting on Energy in the U.S.*, **Mark Burkey**, North Carolina A&T State University; **Donald J. Lacombe**, West Virginia University

Discussants:

Mark Burkey, North Carolina A&T State University
Li Fang, University of Maryland, College Park
Yi Sun, Institute of Policy and Management, Chinese Academy of Sciences

139. Agglomeration Effects Friday Nov 14 | 4:00 PM–6:00 PM | Susquehanna Suite

Chair: Stephen Sheppard, Williams College

- *Geographic Concentration in Brazilian Industry and Urban Agglomeration Forces: Changes in the Last Two Decades*, **Adriano Borges Ferreira Costa**, Fundação Getulio Vargas (FGV)
- *Exports of Firms in the Light of Agglomeration Economies*, **Stephan Brunow**, Institute for Employment Research; **Georg Hirte**, Dresden University of Technology; **Luise Gruenwald**, IAB Institute for Employment Research
- *Where Does Turkey's Economy Go? An Analysis of Turkish Regional TFP and Its Main Determinants: Human Capital, Patent Stock, and Agglomeration*, **Attila Varga**, University of Pecs; **Mete Baypinar**, Istanbul Technical University
- *Assessing the Impact of Agricultural Transport Costs on Agglomeration Economies*, **Pedro Herrera Catalán**, London School of Economics
- *Agglomeration Fatalities: Vital Consequences of Health Care Clustering*, **Stephen Sheppard**, Williams College; **Michael L. Hellstern**, Williams College

Discussants:

Stephen Sheppard, Williams College
Adriano Borges Ferreira Costa, Fundação Getulio Vargas (FGV)
Stephan Brunow, Institute for Employment Research
Attila Varga, University of Pecs
Pedro Herrera Catalán, London School of Economics

140. Regional Science Applications Friday Nov 14 | 4:00 PM–6:00 PM | Tiffany Salon

Chair: Maria Teresa Alvarez-Martinez, European Commission

- *Analyzing the Cigarette Consumption In Brazil*, **Glaucia Possas Motta**, Federal University of Minas Gerais; **Kenya Noronha**, Federal University of Minas Gerais; **Edson Paulo Domingues**, Federal University of Minas Gerais
- *Technical Efficiency in Electric Power Generation: A Non-Parametric Approach for the Utilities in Brazil*, **Mauricio Marins Machado**, University of Brasília; **Maria Conceição Sampaio de Sousa**, University of Brasília
- *Industrial Cluster Differentiation: An Empirical Approach*, **Isabelle M. Nilsson**, University of Toledo; **Oleg A. Smirnov**, University of Toledo
- *Taxing the Mining Sector to Reduce Unemployment and Inequality in Namibia: Would It Work?*, **Maria Teresa Alvarez-Martinez**, European Commission; **Julie A. Silva**, University of Maryland, College Park
- *Crime and Schooling: The Short-Term Effects*, **Nikhil Jha**, Melbourne Institute of Applied Economic and Social Research

Discussants:

Nikhil Jha, Melbourne Institute of Applied Economic and Social Research
Glaucia Possas Motta, Federal University of Minas Gerais
Mauricio Marins Machado, University of Brasília
Isabelle M. Nilsson, University of Toledo
Maria Teresa Alvarez-Martinez, European Commission

141. Residential Sorting and Choice Friday Nov 14 | 4:00 PM–6:00 PM | Waterford Suite

Chair: Elena G. Irwin, Ohio State University

- *Location Choice and Health Tradeoffs: A Micro-Level Analysis of Household Well-Being*, **Cristina Connolly**, Ohio State University; **H. Allen Klaiber**, Ohio State University
- *City or Suburbs? The Effect of Education and Race on Location Choice*, **Adam Millsap**, Clemson University
- *Zoning and Residential Development*, **David Newburn**, University of Maryland, College Park; **Jeffrey Ferris**, University of Maryland, College Park
- *Immigrant Locations and Native Residential Preferences in Spain: New Ghettos?*, **Jesus Fernandez-Huertas**, Fedea; **Ada Ferrer**, UAB Barcelona; **Albert Saiz**, Massachusetts Institute of Technology
- *An Equilibrium Model of Household Sorting and Residential Land Development*, **H. Allen Klaiber**, Ohio State University; **Douglas Harvey Wrenn**, Pennsylvania State University; **David Newburn**, University of Maryland, College Park; **Elena G. Irwin**, Ohio State University

Discussants:

Elena G. Irwin, Ohio State University
Cristina Connolly, Ohio State University
Adam Millsap, Clemson University
David Newburn, University of Maryland, College Park
Albert Saiz, Massachusetts Institute of Technology

142. Applications of New Sources of (Big) Data in Regional Science IV Friday Nov 14 | 4:00 PM–6:00 PM |

Baccarat Suite

Organizers: Daniel Arribas-Bel, University of Birmingham; David C. Folch, Florida State University

Chair: Emmanouil Tranos, University of Birmingham

- *New Data, New Applications: A Method for Transportation System Performance Monitoring*, **Mohja Rhoads**, University of Southern California; **Genevieve Giuliano**, University of Southern California; **Sandip Chakrabarti**, University of Southern California
- *Mobile Phone Data and Motorway Traffic: Can the Former Predict the Latter?*, **Emmanouil Tranos**, University of Birmingham
- *Freight Deliveries Directly Generated by Residential Units: An Analysis with the 2009 NHTS Data*, **Yiwei Zhou**, Rensselaer Polytechnic Institute; **Xiaokun (Cara) Wang**, Rensselaer Polytechnic Institute
- *Baltimore's Post-recession Socioeconomic Environment and Local Job Access for Work-eligible Temporary Assistance for Needy Families (TANF) Recipients: A Locational Approach for Welfare-to-Work Examination*, **Ting Zhang**, University of Baltimore

Discussants:

Yiwei Zhou, Rensselaer Polytechnic Institute

Mohja Rhoads, University of Southern California

Ting Zhang, University of Baltimore

Emmanouil Tranos, University of Birmingham

143. Location Modeling and Spatial Analytics IV Friday Nov 14 | 4:00 PM–6:00 PM | Cabinet Suite

Organizers: Alan T. Murray, Drexel University; Tony H. Grubestic, Drexel University

Chair: Tony H. Grubestic, Drexel University

- *Aging and Spatial Non-Uniformity in Tokyo Metropolis: Feasibility of Multi-Zonal Cohort Analysis of Census Tracts*, **Asao Ando**, Tohoku University; **Fumio Takuma**, Meikai University
- *Mapping Activity/Travel Patterns Using Spatial Statistics and Space-Time Derived Measures*, **Ron Dalumpines**, McMaster University; **Darren M. Scott**, McMaster University
- *Measuring Spatial Autocorrelation of Vectors*, **Daoqin Tong**, University of Arizona; **Yu Liu**, Peking University; **Xi Liu**, Peking University
- *Transmission of Social Capital: An Agent-Based Analysis*, **Roberto Patuelli**, University of Bologna; **Eveline S. van Leeuwen**, VU University Amsterdam; **Lorenzo Zirulia**, University of Bologna
- *Rural Airports in the United States: Network Accessibility and Implications for Air Transport Planning*, **Fangwu Wei**, Drexel University; **Tony H. Grubestic**, Drexel University

Discussants:

Roberto Patuelli, University of Bologna

Asao Ando, Tohoku University

Ron Dalumpines, McMaster University

Fangwu Wei, Drexel University

Daoqin Tong, University of Arizona

144. Regional Systems of Entrepreneurship II Friday Nov 14 | 4:00 PM–6:00 PM | Diplomat Room

Organizers: Haifeng Qian, University of Iowa; Zoltan J. Acs, George Mason University

Chair: Haifeng Qian, University of Iowa

- *Are Enterprise Zones Benefits Capitalized into Commercial Property Values?*, **Mathilde Poulhes**
- *Regional Industry Clusters and Entrepreneurial Human Capital*, **Henry C. Renski**, University of Massachusetts, Amherst
- *The Role of Anchor-Universities in the Entrepreneurship System of American College Towns*, **Haifeng Qian**, University of Iowa

- *Spreading the Wealth: Rethinking Rwanda's Coffee Production Sector*, **Michael Scott Jackson**, U.S. Agency for International Development

Discussants:

Haifeng Qian, University of Iowa

Mathilde Poulhes

Michael Scott Jackson, U.S. Agency for International Development

Henry C. Renski, University of Massachusetts, Amherst

145. Regional/Rural Development VII: Rural Innovation in the US: Preliminary Findings from a National Survey *Friday Nov 14 | 4:00 PM–6:00 PM | Haverford Suite*

Organizer: **Timothy R. Wojan**, USDA, Economic Research Service

Chair: **Robert Gibbs**, USDA Economic Research Service

- *Comparing Urban and Rural Innovation Rates: A Latent Class Analysis of Self-Reported Innovation*, **Timothy R. Wojan**, USDA, Economic Research Service
- *User Entrepreneurship: Defining and Identifying an Explicit Type of Innovation*, **David Freshwater**, University of Kentucky; **Timothy R. Wojan**, USDA, Economic Research Service
- *Does Creative Milieu Impact Manufacturing? An Analysis of Manufacturing Innovation, Creative Class, and Local Sources of Information*, **Kathryn R. Dotzel**, Ohio State University; **Sarah Low**, USDA, Economic Research Service; **David McGranahan**, U.S. Department of Agriculture; **Timothy R. Wojan**, USDA, Economic Research Service
- *Jazz in Place: Exploring the Adjacent Possible in Improvisation and Rural America*, **Timothy R. Wojan**, USDA, Economic Research Service; **Joshua Bayer**, American University

Discussants:

John Jankowski, National Science Foundation

Edward Malecki, Ohio State University

Maryann Feldmann, University of North Carolina, Chapel Hill

Sunil Iyengar, National Endowment for the Arts

146. Regional Development VII: Broadband and Information Economy *Friday Nov 14 | 4:00 PM–6:00 PM | Cartier Salon*

Organizers: **Alessandra Faggian**, Ohio State University; **Elizabeth Mack**, Arizona State University

Chair: **Martin Andersson**, Circle, Lund University

- *Broadband Internet in Rural Hispanic Households: Adoption and Use of the Internet and its Implications*, **Peter Stenberg**, USDA, Economic Research Service
- *Entrepreneurship, Human Capital and Broadband Technology Use*, **Elizabeth Mack**, Arizona State University
- *Mapping Information Economy Businesses with Big Data: Findings for the U.K.*, **Max Nathan**, London School of Economics and Political Science; **Anna Rosso**, National Institute of Economic and Social Research
- *What Type of Experience Do You Have and Where Do You Exploit It? Occupations, Industries and Self-Employment Success*, **Martin Andersson**, Circle, Lund University; **Sierdjan Koster**, University of Groningen

Discussants:

Elizabeth Mack, Arizona State University

Max Nathan, London School of Economics and Political Science

Peter Stenberg, USDA, Economic Research Service

Elizabeth Mack, Arizona State University

147. Spatial Econometrics II: Applications *Friday Nov 14 | 4:00 PM–6:00 PM | Embassy Suite*

Organizer: **Giuseppe Arbia**, Università Cattolica del Sacro Cuore

Chair: **Johan Lundberg**, Umeå University

- *Income Inequality, Growth and Space: Evidence from Italian Provinces*, **Paolo Postiglione**, University of Chieti-Pescara; **Domenica Panzera**, University of Chieti-Pescara
- *The Long-Term Impacts of Precolonial Geography and Institutions on Access to Public Infrastructure Services in Nigeria*, **Belinda Archibong**, Columbia University

- *Spatial Dependence and the Estimation of Treatment Effects: A Monte Carlo Study*, **Andres Ham**, University of Illinois, Urbana-Champaign; **Kathy Baylis**, University of Illinois, Urbana-Champaign
- *Using Spatial Econometric Techniques to Detect Collusive Behavior in Procurement Auction Data*, **Johan Lundberg**, Umeå University

Discussants:

Johan Lundberg, Umeå University
Paolo Postiglione, University of Chieti-Pescara
Belinda Archibong, Columbia University
Andres Ham, University of Illinois, Urbana-Champaign

148. 3rd Annual Journal of Regional Science Special Session Friday Nov 14 | 4:00 PM–6:00 PM | Lalique Suite

Organizer and Chair: Mark D. Partridge, Ohio State University

- *Government Quality and the Economic Returns of Transport Infrastructure Investment*, **Andrés Rodríguez-Pose**, London School of Economics
- *The Geography of Development: An Evaluation of the Economic Impact of Coastal Flooding*, **Esteban Rossi-Hansberg**, Princeton University

Discussants:

Janet Kohlhase, University of Houston
Thomas J. Holmes, University of Minnesota

149. UEA 08A: Crime, the Neighborhood and the Labor Market Friday Nov 14 | 4:00 PM–6:00 PM | Congressional Room

Chair: Camille Hémet, University of Barcelona

- *Crime and Neighborhood Change: Has Falling Crime Invited Gentrification?*, **Ingrid Gould Ellen**, New York University; **Keren Mertens Horn**, University of Massachusetts, Boston; **Davin Reed**, New York University
- *The Local Determinants of Crime Victimization*, **Camille Hémet**, University of Barcelona
- *Identifying Dynamic Spillovers in Criminal Behavior*, **Vikram Maheshri**, University of Houston; **Gregorio S. Caetano**, University of Rochester
- *Search for Jobs or Crimes?*, **Keisuke Kawata**, Hiroshima University; **Yasuhiro Sato**, Osaka University; **Wei Xiao**, Stockholm University

Discussants:

Vikram Maheshri, University of Houston
Wei Xiao, Stockholm University
Keren Mertens Horn, University of Massachusetts, Boston
Camille Hémet, University of Barcelona

150. UEA 08C: Place-Based Policies Friday Nov 14 | 4:00 PM–6:00 PM | Judiciary Suite

Chair: Hans R.A. Koster, VU University Amsterdam

- *Place-Based Policies and the Housing Market*, **Hans R.A. Koster**, VU University Amsterdam; **Jos N. van Ommeren**, VU University Amsterdam
- *Income in French Empowerment Zones: A Panel Data Approach*, **Sylvie Charlot**, INRA- GAEL; **Claire Dujardin**, IWEPS; **Florence Goffette-Nagot**, GATE - L-SÉ
- *Place-Based Policies and Firm Productivity: Evidence from Shenzhen, China*, **Hans R.A. Koster**, VU University Amsterdam; **Fang Fang Cheng**, Utrecht University; **Frank van Oort**, Utrecht University
- *The Persistent Effects of Regional Policy: Evidence from the West-German Zonenrandgebiet*, **Maximilian von Ehrlich**, University of Bern

Discussants:

Sylvie Charlot, INRA- GAEL
Hans R.A. Koster, VU University Amsterdam
Maximilian von Ehrlich, University of Bern
Jos N. van Ommeren, VU University Amsterdam

151. UEA 08B: Transportation in the Developing World Friday Nov 14 | 4:00 PM–6:00 PM | Old Georgetown Room

Chair: Gilles Duranton, The Wharton School

- *Roads and Trade in Colombia*, **Gilles Duranton**, The Wharton School
- *The Effects of Road Quality on Rural Labor Markets: Evidence from Indonesia*, **Paul Gertler**, University of California, Berkeley; **Marco Gonzalez-Navarro**, University of Toronto; **Tadeja Gracner**, University of California, Berkeley; **Alexander David Rothenberg**, RAND Corporation
- *Airports and Economic Performance in China*, **Stephen Gibbons**, Department of Geography and Environment; **Wenjie Wu**, University of Glasgow
- *"No County Left Behind?" The Distributional Impact of High-Speed Rail Upgrade in China*, **Yu Qin**, National University of Singapore

Discussants:

Marco Gonzalez-Navarro, University of Toronto

Yu Qin, National University of Singapore

Gilles Duranton, The Wharton School

Stephen Gibbons, Department of Geography and Environment

6:15 PM–7:30 PM

152. Population, Labour, and Regional Science Sessions Reception (Invitation only) Friday Nov 14 | 6:15 PM–7:30 PM | Conours Terrace

Organizers: Jacques Poot, University of Waikato; **Matthew James Roskrige**, University of Waikato

6:15 PM–8:00 PM

153. Regional Science Policy and Practice Plenary Session Featuring Henry Yeung Friday Nov 14 | 6:15 PM–7:30 PM | Lalique Suite

Chair: Michael C. Carroll, Bowling Green State University

- *Regional Development in the Global Economy: A Dynamic Perspective of Strategic Coupling in Global Production Networks*, **Henry Yeung**, National University of Singapore

Saturday **15 November 2014**

7:30 AM–10:00 AM

154. Registration and Exhibits Saturday Nov 15 | 7:30 AM–10:00 AM | Crystal Ballroom Foyer

8:00 AM–10:00 AM

155. Poster Session Saturday Nov 15 | 8:00 AM–10:00 AM | Baccarat Suite

- *A Problem of Free Riders: Corporate Shuttles, Private Amenities, and Gentrification*, **Brian J. Asquith**, University of California, Irvine
- *The New Determinants of U.S. Hybrid-Electric Vehicle Saturation Level and the Implications*, **Kuming Chang**, Cornell University
- *Understanding Urban Renewal Processes through SAM–Multiplier Analysis: A Case Study of Bogota's Downtown*, **Melisa De la Ossa**, Universidad de los Andes; **Javier I. Perez-Burgos**, Universidad de los Andes
- *The Effects of Urban Transportation on Total Factor Productivity (TFP) of Firms in Colombia: An Assessment of the TransMilenio in Bogotá, Colombia*, **Samira Barzin**, Imperial College London; **Daniel J. Graham**, Imperial College London
- *U.S. Metropolitan Spatial Structure and Employment Growth*, **Xiaoyan Huang**, Texas A&M University
- *Vegetation Cover Change Detection Using Satellite Remote Sensing: A Study in the Monongahela National Forest*, **Min-Kook Kim**, Marshall University; **David Graefe**, Marshall University

- *Welfare, Wealth and Work for Europe*, **Oliver M. Fritz**, WIFO
- *Theoretical and Empirical Study on the Interactive Development Mechanism between Industrial Agglomeration and Urbanization*, **Genyao Lu**, Zhejiang Sci-Tech University; **Dan Zhao**, Zhejiang Sci-Tech University; **Long Sheng**, Zhejiang Sci-Tech University
- *Are Chinese Cities Really Too Small?*, **Chao Li**, University of Waikato; **John Gibson**, University of Waikato
- *Temporal Stability of Household's Valuation of Neighborhood Amenities*, **Kevin Russell Krivacsy**, University of Tennessee

156. Cities and Urbanization Saturday Nov 15 | 8:00 AM–10:00 AM | Chairman's Boardroom

Chair: **Ioannis Kaplanis**, OECD; SERC, LSE

- *Urbanization in China: A Bias toward Large Cities*, **Zhi Li**, University of Maryland, College Park
- *Municipal Sizes and Municipal Restructuring in Japan*, **Kuninori Nakagawa**, Kushiro Public University of Economics
- *A Study on China's Urbanization Spatial Pattern and the Influence Factors*, **Xiumin Li**, Northeast Normal University
- *What Makes Cities More Productive? Evidence on the Role of Urban Governance from Five OECD Countries*, **Rudiger Ahrend**, OECD; **Emily Farchy**, OECD; **Ioannis Kaplanis**, OECD; SERC, LSE; **Alexander C. Lembcke**, OECD

Discussants:

Ioannis Kaplanis, OECD; SERC, LSE
Zhi Li, University of Maryland, College Park
Kuninori Nakagawa, Kushiro Public University of Economics
Xiumin Li, Northeast Normal University

157. Institutions and Economic Development Saturday Nov 15 | 8:00 AM–10:00 AM | Executive Boardroom

Chair: **Sergey Mityakov**, Clemson University

- *Fragile Economies: Contemporary Institutions vs. Colonial Incidence*, **Yeti Nisha Madhoo**, University of Mauritius
- *Ethnicity, Institutions, and Spatial Misallocation: A Quantitative Analysis*, **Sidney Turner**, Fors Marsh Group LLC; **Uma Kelekar**, Marymount University
- *The Geography of Multinational Corporations in Central and Eastern European Countries*, **Teodora Dogaru**, University of A Coruna; **Frank van Oort**, Utrecht University; **Martijn Burger**, Erasmus University Rotterdam; **Bas Karreman**, Erasmus University Rotterdam
- *Does Trade Cause Long-Run Development? Theory and Evidence from Countries behind the Suez Channel*, **Michiel Gerritse**, University of Groningen
- *Quality of Local Government and Voting: Evidence from Administrative Moscow Data*, **Sergey Mityakov**, Clemson University; **Margarita Portnykh**, Clemson University

Discussants:

Sergey Mityakov, Clemson University
Yeti Nisha Madhoo, University of Mauritius
Sidney Turner, Fors Marsh Group LLC
Teodora Dogaru, University of A Coruna
Michiel Gerritse, University of Groningen

158. Human and Social Capital and Regional Development Saturday Nov 15 | 8:00 AM–10:00 AM | Haverford Suite

Chair: **Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung

- *Contribution of Education and Innovation on Productivity among Mexican Regions: A Dynamic Panel Data Analysis*, **Vicente Germán-Soto**, Universidad Autónoma de Coahuila; **Luis Gutiérrez Flores**, Universidad Autónoma de Coahuila
- *China's New Regionalism in Building Social Equity and Justice*, **Junbo Yu**, Jilin University
- *The Cultural Ripple Tank: Modelling Dynamic Regional Cultural Change via an Adaptation of Non-Economic Models*, **Brian J. Osoba**, Central Connecticut State University

- *Proliferation and Fragmentation: Uphill Struggle of Aid Effectiveness*, **Yunjeong Kim**, Ewha Womans University; **Jinhwan Oh**, Ewha Womans University
- *The Interaction between Culture and Economy in Vietnam*, **Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung; **Van Phan thi Hong**

Discussants:

Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung
Vicente Germán-Soto, Universidad Autónoma de Coahuila
Junbo Yu, Jilin University
Brian J. Osoba, Central Connecticut State University
Jinhwan Oh, Ewha Womans University

159. Housing Markets and Households *Saturday Nov 15 | 8:00 AM–10:00 AM | Patuxent Suite*

Chair: Renan Pereira Almeida, Cedeplar

- *Two-Earner Households Asset and Housing Consumption Analysis: Case of Capital Region in Korea*, **Ji-Chung Yang**, SKU Sungkyul University
- *How Do Households Forecast House Prices?*, **Chao Ma**, Ohio State University
- *Reconsidering the Dividend Pricing Hypothesis across Housing Markets: The Role of Risk Adjustment*, **Guoliang Feng**, George Washington University
- *How Does a Change in Risk Perception Affect the Housing Market? Evidence from an Industrial Accident in France*, **Marianne Blehaut**, University of Paris-Sud XI
- *Implosion and Explosion through Real Estate Market in the Metropolitan Area of Belo Horizonte, Brazil*, **Renan Pereira Almeida**, Cedeplar; **Roberto Luis de Melo Monte-Mór**, Cedeplar; **Pedro Amaral**, Universidade Federal de Minas Gerais

Discussants:

Renan Pereira Almeida, Cedeplar
Ji-Chung Yang, SKU Sungkyul University
Chao Ma, Ohio State University
Guoliang Feng, George Washington University
Marianne Blehaut, University of Paris-Sud XI

160. Travel Demand and Behavior *Saturday Nov 15 | 8:00 AM–10:00 AM | Potomac Suite*

Chair: Muhammad Ahsanul Habib, Dalhousie University

- *Modeling the Current and Future Intended Use of Cycling and Walking in Colchester County, Nova Scotia, Canada: An Ordered Probit Modeling Approach*, **Siobhan Witherbee**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University
- *Modeling of Bike-Sharing Demand to Promote Sustainable Mobility*, **Tien-Dung Tran**, Transport Economics Laboratory; **Bruno Faivre d'Arcier**, Université Lumière Lyon 2; **Nicolas Ovtracht**, CNRS
- *A Completing Risk Hazard Model of Households' Vehicle Transaction Behaviour in the Halifax Region, Canada*, **MD Nazmul H.A. Khan**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University
- *Behavior-Oriented Anomaly Detection for Route Choices of Urban Movement Trajectories*, **Yang Zhou**, Wuhan University; **Zhaoya Gong**, University of North Carolina, Charlotte
- *Investigation of Out-Of-Home Discretionary Activities of Individuals in Nova Scotia, Canada: A Competing Risk Based Hazard Modeling Approach*, **Naznin Sultana Daisy**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University

Discussants:

Tien-Dung Tran, Transport Economics Laboratory
Muhammad Ahsanul Habib, Dalhousie University
Zhaoya Gong, University of North Carolina, Charlotte
MD Nazmul H.A. Khan, Dalhousie University
Siobhan Witherbee, Dalhousie University

161. Carbon and Energy Policy I *Saturday Nov 15 | 8:00 AM–10:00 AM | Severn Suite*

Chair: Min Dai, Jinan University

- *Assessing GHG Emissions' Tax in Brazil Using an Input-Output Model*, **Lúcio Flávios da Silva Freitas**, University of Campinas; **Luiz Carlos Santana Ribeiro**, Federal University of Minas Gerais; **Kênia Barreiro de Souza**, Federal University of Minas Gerais; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Benefits and Costs of Electricity in Pre-Clean Air Act United States*, **Karen Clay**, Carnegie Mellon University; **Joshua Lewis**, University of Montreal; **Edson R. Severnini**, Carnegie Mellon University
- *Analysis on Geopolinomics Coalition of Carbon Mitigation*, **Jing Wu**, Chinese Academy of Sciences; **Yu Han**; **Zheng Wang**
- *New Pollution Heavens?: Effects of China's Environmental Enterprise Zone Program on Toxic Plants' Productivity*, **Min Dai**, Jinan University; **Wenjie Wu**, University of Glasgow; **Bing Wang**, Jinan University

Discussants:

Min Dai, Jinan University
Luiz Carlos Santana Ribeiro, Federal University of Minas Gerais
Edson R. Severnini, Carnegie Mellon University
Yu Han

162. Amenities and Local Policies Saturday Nov 15 | 8:00 AM–10:00 AM | Susquehanna Suite

Chair: Eduardo Simoes de Almeida, Federal University of Juiz de Fora

- *Music in the Air: Estimating the Social Return to Cultural Amenities*, **Stephan Heblich**, University of Bristol
- *The Role Played by Natural and Man-Made Amenities in Explaining Spatial Wage Differentials in Chile*, **Victor H. Iturra**, Ohio State University
- *The Effect of Walmart and Target on Property Tax Rates*, **Donald Vandegrift**, College of New Jersey
- *Impact Evaluation of Local Public Policies*, **Eduardo Simoes de Almeida**, Federal University of Juiz de Fora

Discussants:

Eduardo Simoes de Almeida, Federal University of Juiz de Fora
Stephan Heblich, University of Bristol
Victor H. Iturra, Ohio State University
Donald Vandegrift, College of New Jersey

163. Urban Form and Infrastructure Saturday Nov 15 | 8:00 AM–10:00 AM | Tiffany Salon

Chair: Haoying Wang, Pennsylvania State University

- *Cross-Commuting in a Polycentric Modelling of Paris Urban Area*, **Vincent Viguié**, CIREN, Ecole des Ponts ParisTech
- *Transport Policy Competition in Urban Polycentric Networks with Distorted Markets: A Model Tailored for the Area of Randstad*, **Ioannis Tikoudis**, VU University Amsterdam; **Erik Verhoef**, VU University Amsterdam
- *CAFE Standards, Rebound Effects and Urban Form*, **Frank Goetzke**, University of Louisville; **Waldemar Marz**, ifo Institute
- *Comparing Urban Growth and Infrastructure Expansion in a Brazilian Metropolitan Region*, **Monica Amaral Haddad**, Iowa State University; **Grazielle A. Carvalho**, Universidade Federal de Minas Gerais; **Ana Clara Mourão Moura**, Universidade Federal de Minas Gerais
- *Manufacturing Decline, Improved Air Quality, and Urban Land Development*, **Haoying Wang**, Pennsylvania State University

Discussants:

Haoying Wang, Pennsylvania State University
Vincent Viguié, CIREN, Ecole des Ponts ParisTech
Ioannis Tikoudis, VU University Amsterdam
Waldemar Marz, ifo Institute
Monica Amaral Haddad, Iowa State University

164. Regional Analysis Applications Saturday Nov 15 | 8:00 AM–10:00 AM | Waterford Suite

Chair: Bart Los, University of Groningen

- *An Input-Output Model with Resources-Constrained Sectors: An Application to the Agri-Food Development Strategy in the Context of a Portuguese Bi-Regional Model*, **Pedro Ramos**, University of Coimbra; **Eduardo Barata**, University of Coimbra; **Luis Cruz**, University of Coimbra; **Ana Sargento**, Management for Sustainability Research Centre, Polytechnic Institute of Leiria
- *A New Database for RHOMOLO: National and Regional Social Accounting Matrices for 2010*, **Maria Teresa Alvarez-Martinez**, European Commission; **Montserrat López Cobo**, European Commission, Joint Research Center, IPTS; **Lesley Potters**, European Commission
- *Local Multiplier in Brazil (2000-2010): A Spatial Panel Approach*, **Guiherme M. Macedo**, Brazilian Ministry of Finance; **Leonardo M. Monasterio**, Catholic University of Brasília/Ipea
- *The Impacts of CGE-Based Carbon Tax Policy on Henan's Economy*, **Zheng Wang**; **Leying Wu**, East China Normal University
- *Regional Employment Dynamics in a Globalizing World: A Tale of Four Italies*, **Bart Los**, University of Groningen; **Luca Cherubini**, Bank of Italy

Discussants:

Bart Los, University of Groningen
Pedro Ramos, University of Coimbra
Maria Teresa Alvarez-Martinez, European Commission
Leonardo M. Monasterio, Catholic University of Brasília/Ipea
Leying Wu, East China Normal University

165. Population, Labour, and Regional Science VIII: Perspectives on Population Change and Impacts

Saturday Nov 15 | 8:00 AM–10:00 AM | Ambassador Room

Organizers: **Jacques Poot**, University of Waikato; **Matthew James Roskrug**, University of Waikato
Chair: **Jacques Poot**, University of Waikato

- *The Impact of Social Capital on Entrepreneurship and Entrepreneur Wellbeing: Differences between Migrants and the Native Born*, **Laura King**, University of Waikato; **Jacques Poot**, University of Waikato; **Matthew James Roskrug**, University of Waikato
- *On Calculating, Tracking and Disaggregating Center Points of Population*, **David Plane**, University of Arizona; **Peter Rogerson**, SUNY-Buffalo
- *Developing a Systems-Based Multi-Region Stochastic Population Projections Model for New Zealand*, **Michael P. Cameron**, University of Waikato; **Jacques Poot**, University of Waikato
- *Heterogeneity in the Determinants of National versus Foreign Population Growth at Local Level*, **Vinuela Ana**, University of Oviedo; **Fernando Rubiera-Morollón**, University of Oviedo; **Diana Gutiérrez**, University of Oviedo
- *Designing a Spatial Decision Support System Using Spatial Microsimulation*, **Robert Tanton**, University of Canberra; **Yogi Vidyattama**, University of Canberra

Discussants:

Robert Tanton, University of Canberra
Jacques Poot, University of Waikato
David Plane, University of Arizona
Michael P. Cameron, University of Waikato
Vinuela Ana, University of Oviedo

166. Location Modeling and Spatial Analytics V Saturday Nov 15 | 8:00 AM–10:00 AM | Cabinet Suite

Organizers: **Alan T. Murray**, Drexel University; **Tony H. Grubestic**, Drexel University

Chair: **Breandan O hUallachain**, Arizona State University

- *Invention in the American City System*, **Breandan O hUallachain**, Arizona State University; **Kevin Kane**, Arizona State University
- *Broadband, Local Employment, and Population Growth*, **Robert Dinterman**, North Carolina State University; **Mitch Renkow**, North Carolina State University
- *Retail Agglomeration and Competition Externalities: Evidence from U.S. Multiline Department Stores*, **Stephen L. Ross**, University of Connecticut; **Tingyu Zhou**, Concordia University; **John M. Clapp**, University of Connecticut

- *Housing Market and Agglomeration of Rent-Seeking Activities: Implications for Regional Development*, **Eric S. Lin**, National Tsing Hua University; **Shin-Kun Peng**, Academic Sinica; **Chia-Ming Yu**, National Tsing Hua University

Discussants:

Eric S. Lin, National Tsing Hua University
Kevin Kane, Arizona State University
Robert Dinterman, North Carolina State University
Stephen L. Ross, University of Connecticut

167. Regional Systems of Entrepreneurship III Saturday Nov 15 | 8:00 AM–10:00 AM | Diplomat Room

Organizers: **Zoltan J. Acs**, George Mason University; **Haifeng Qian**, University of Iowa

Chair: **Charlie Karlsson**, Jönköping International Business School

- *The Linkage between Property Tax and New Business Formation and Growth*, **Shaoming Cheng**, Florida International University
- *A Spatial Analysis of Self-Employment in Spain*, **Begona Cueto**, University of Oviedo; **Matias Mayor**, University of Oviedo; **Patricia Suarez**, University of Oviedo
- *Determinants of Self-Employment among Commuters and Non-Commuters*, **Charlie Karlsson**, Jönköping International Business School; **Mikaela Backman**, Jönköping International Business School

Discussants:

Charlie Karlsson, Jönköping International Business School
Shaoming Cheng, Florida International University
Begona Cueto, University of Oviedo

168. Regional Economic Effects of Disasters Saturday Nov 15 | 8:00 AM–10:00 AM | Lalique Suite

Organizer and Chair: **Yasuhide Okuyama**, University of Kitakyushu

- *Analysis of Drought Risk Management Strategies using Dynamic Inoperability Input-Output Modeling and Event Tree Analysis*, **Joost Santos**, George Washington University; **Sheree Pagsuyoin**, University of Waterloo; **Lucia Herrera**, George Washington University; **Raymond Tan**, De La Salle University; **Krista Yu**, De La Salle University
- *Economic Consequences of a Ban on Rail Shipments of Chlorine as a Response to a Terrorist Threat*, **Adam Rose**, University of Southern California; **Gbadebo Oladosu**, Oak Ridge National Laboratory
- *Structural Impact of the 1995 Kobe Earthquake*, **Yasuhide Okuyama**, University of Kitakyushu

Discussants:

Yasuhide Okuyama, University of Kitakyushu
Joost Santos, George Washington University
Adam Rose, University of Southern California

169. Regional Development VIII: Energy Saturday Nov 15 | 8:00 AM–10:00 AM | Cartier Salon

Organizers: **Alessandra Faggian**, Ohio State University; **Elizabeth Mack**, Arizona State University

Chair: **Amanda L. Weinstein**, University of Akron

- *Do Initial Conditions Matter? Comparing the Economic Impacts of Natural Gas Development in the Northeastern and Southwestern United States*, **Isha Rajbhandari**, Ohio State University; **Alessandra Faggian**, Ohio State Univ.; **Mark D. Partridge**, Ohio State Univ.
- *Regional Economic Effects of the Shale Gas and Tight Oil Boom: A Synthetic Control Analysis*, **Abdul Munasib**, University of Georgia; **Dan S. Rickman**, Oklahoma State University
- *Conflicts over Resources, Migration and Development in the Lower Basin of the Zambezi River*, **Tomaz Ponce Dentinho**, University of the Azores
- *The Economic Impact of Shale*, **Amanda L. Weinstein**, University of Akron; **Mark D. Partridge**, Ohio State University

Discussants:

Amanda L. Weinstein, University of Akron
Isha Rajbhandari, Ohio State University
Dan S. Rickman, Oklahoma State University
Tomaz Ponce Dentinho, University of the Azores

170. Spatial Econometrics III: Theory and Applications *Saturday Nov 15 | 8:00 AM–10:00 AM | Embassy Suite*

Organizer and Chair: Giuseppe Arbia, Università Cattolica del Sacro Cuore

- *An Overhaul of the Role of Private and University R&D Investments, Local and Distant Knowledge Spillovers on Knowledge Creation*, **Dongwoo Kang**, University of Arizona; **Sandy Dall Erba**, University of Arizona
- *Location Choice under Spatial Price Interdependency*, **Nancy Lozano-Gracia**, World Bank; **Gianfranco Piras**, University of Illinois, Urbana; **Ingmar R. Prucha**, University of Maryland

Discussants:

Nancy Lozano-Gracia, World Bank

Sandy Dall Erba, University of Arizona

171. UEA 09A: Local Labor Markets *Saturday Nov 15 | 8:00 AM–10:00 AM | Congressional Room*

Chair: Stuart S. Rosenthal, Syracuse University

- *Spatial Mismatch: Theory, Empirics, and Policies*, **Florence Goffette-Nagot**, GATE - L-SÉ; **Modibo Sidibé**, Duke University
- *Long Commutes or Neighborhood Perceptions: Why Do Employers Avoid Applicants from High-Poverty Neighborhoods?*, **David Phillips**, Hope College
- *The Cleansing Effect of Minimum Wage in China*, **Florian Mayneris**, Univ. catholique de Louvain
- *Neighborhood Effects and the Decision of Women to Work*, **Stuart S. Rosenthal**, Syracuse University

Discussants:

David Phillips, Hope College

Florence Goffette-Nagot, GATE - L-SÉ

Stuart S. Rosenthal, Syracuse University

Florian Mayneris, Université catholique de Louvain

172. UEA 09C: Transportation: Light Rail, Productivity and Costs *Saturday Nov 15 | 8:00 AM–10:00 AM | Judiciary Suite*

Chair: Jordan Rappaport, Federal Reserve Bank of Kansas City

- *Access to Light Rail and Neighborhood Evolution: Capitalization or Agglomeration Effects?*, **Monica Deza**, University of Texas, Dallas; **Juan Carlos Suarez Serrato**, Stanford University
- *Monocentric City Redux*, **Jordan Rappaport**, Federal Reserve Bank of Kansas City
- *A Matching Model with Heterogeneity in Commuting and Relocation Costs*, **Anne Bucher**, Université de Strasbourg; **Paola Liliana Montero Ledezma**, Université catholique de Louvain
- *Containerization's Impact on Cities and Neighborhoods*, **Leah Brooks**, George Washington University; **Gisela Rua**, Board of Governors of the Federal Reserve System

Discussants:

Leah Brooks, George Washington University

Anne Bucher, Université de Strasbourg

Jordan Rappaport, Federal Reserve Bank of Kansas City

Juan Carlos Suarez Serrato, Stanford University

173. UEA 09B: The City and Region in the International Market *Saturday Nov 15 | 8:00 AM–10:00 AM | Old Georgetown Room*

Chair: Stephen James Redding, Princeton University

- *The Determinants of Quality Specialization*, **Jonathan I. Dingel**, University of Chicago
- *External Integration, Structural Transformation and Economic Development: Evidence from Argentina 1870-1914*, **Pablo Fajgelbaum**, University of California, Los Angeles; **Stephen James Redding**, Princeton University
- *Globalization and the Smart City*, **Andrei Victor Potlogea**, Universitat Pompeu Fabra
- *Retail Globalization and Household Welfare: Evidence from Mexico*, **David Atkin**, Yale University; **Benjamin Faber**, University of California, Berkeley; **Marco Gonzalez-Navarro**, University of Toronto

Discussants:

Benjamin Faber, University of California, Berkeley

Andrei Victor Potlogea, Universitat Pompeu Fabra

Jonathan I. Dingel, University of Chicago

Stephen James Redding, Princeton University

10:00 AM–10:30 AM

174. Coffee Break *Saturday Nov 15 | 10:00 AM–10:30 AM | Crystal Ballroom Foyer*

10:30 AM–12:30 PM

175. Population, Labour, and Regional Science IX: Demographic Research Methods and Applications
Saturday Nov 15 | 10:30 AM–12:30 PM | Ambassador Room

Organizers: Matthew James Roskrug, University of Waikato; Jacques Poot, University of Waikato
Chair: Peter Batey, University of Liverpool

- *Square Pegs in Round Holes: Demographical Estimates for Non-Standard Geographies*, Xiaoling Li, Cornell University; Joe Francis, Cornell University; Warren Brown, Cornell University; Jonnell Allen, Syracuse University
- *Who Are Segregated in an International Metropolis? A Case of Hong Kong*, David W. Wong, University of Hong Kong; Garrett Strang, University of California, Berkeley; Wai-Yin Tang, University of Hong Kong; Wangke Wu, Peking University
- *What Can Demographic-Economic Modelling Teach the Planning Analyst?*, Peter Batey, University of Liverpool
- *Urban Scenarios to Inform Climate Policies: A Case Study on Paris Urban Area*, Vincent Viguié, CIREN, Ecole des Ponts ParisTech; Stéphane Hallegatte, World Bank
- *Population Change, Economic Growth and Expansion of China's Urban Land Area: Evidence from Night Lights, 1992-2012*, John Gibson, University of Waikato; Chao Li, University of Waikato; Geua Boe-Gibson, University of Waikato

Discussants:

John Gibson, University of Waikato
Peter Batey, University of Liverpool
David W. Wong, University of Hong Kong
Xiaoling Li, Cornell University
Vincent Viguié, CIREN, Ecole des Ponts ParisTech

176. Cities, Wages, and Cost of Living *Saturday Nov 15 | 10:30 AM–12:30 PM | Cabinet Suite*

Chair: Jan Rouwendal, VU University Amsterdam

- *Is the Rent Too High? The Macroeconomic Effects of Zoning on Wages, Real Estate, and Internal Migration*, Devin Bunten, Univ. of California, Los Angeles
- *A Meta-Analysis of the Urban Wage Premium*, Ayoung Kim, Purdue University; Michael S. Delgado, Purdue University; Raymond J.G.M. Florax, Purdue University
- *Determinants of the Cost of Living in Spain: The Effect of Agglomerations*, Elena Lasarte Navamuel; Fernando Rubiera-Morollón, University of Oviedo; Esteban Fernandez-Vázquez, University of Oviedo
- *How Important is Consumer City? A Comparison of Expenditure Patterns of Urban and Rural Consumers*, Jan Rouwendal, VU University Amsterdam; Jan Mohlmann, VU University Amsterdam

Discussants:

Jan Rouwendal, VU University Amsterdam
Devin Bunten, University of California, Los Angeles
Ayoung Kim, Purdue University
Elena Lasarte Navamuel

177. Health Policy *Saturday Nov 15 | 10:30 AM–12:30 PM | Chairman's Boardroom*

Chair: Shawn Rohlin, Kent State University

- *Fiscal Competition in Health Spending: Investigating Physician Salaries in the United States*, Uma Kelekar, Marymount University; Sidney Turner, Fors Marsh Group LLC
- *Medicine Price Variation and Health Accessibility in an Urban Context: The Case of Lima City, Peru*, Luis Alfonso Escobedo Paredes, University of Illinois
- *Implications of California's Medical Marijuana Policy: An Equilibrium Sorting Approach*, Derrick Robinson, Auburn University

- *Effects of the Critical Access Hospital Policy on Rural Hospitals and Local Employment*, **Cristina Miller**, U.S. Department of Agriculture; **John Pender**, U.S. Department of Agriculture; **Daniel Villar**, Colorado State University
- *Mandate-Based Health Care Reform and Business Activity: Evidence from Massachusetts*, **Nadia Greenhalgh-Stanley**, Kent State University; **Shawn Rohlin**, Kent State University

Discussants:

Shawn Rohlin, Kent State University
Uma Kelekar, Marymount University
Luis Alfonso Escobedo Paredes, University of Illinois
Derrick Robinson, Auburn University
Cristina Miller, U.S. Department of Agriculture

178. Local and Regional Finance and Investment Saturday Nov 15 | 10:30 AM–12:30 PM | Executive Boardroom

- Chair: Guido Pellegrini**, University of Rome La Sapienza
- *Fiscal Autonomy and E.U. Structural Funds: The Case of the Italian Regional Income Tax System*, **Chiara F. Del Bo**, Università degli Studi di Milano
 - *Does Political Contestability Affect Implementation of Public-Private Partnership*, **Zhenhua Chen**, George Mason University; **Nobuhiko Daito**, George Mason University; **Marian W. Moszoro**, University of California, Berkeley
 - *Beyond the SUTVA: How Policy Evaluations Change When We Allow for Interactions among Firms*, **Guido Pellegrini**, University of Rome La Sapienza; **Augusto Cerqua**, Westminster Business School
 - *A Counterfactual Evaluation of the Spatial Effects of Public Subsidies Using a Spatial Propensity Score Matching Approach*, **Marusca De Castris**, University Roma Tre; **Guido Pellegrini**, University of Rome La Sapienza
 - *Dose-Response Analysis of the General System of Royalties on Municipal Fiscal Performance: A Case Study for Colombia*, **Jaime Alfredo Bonet**, Banco de la Republica; **Karelys Guzman**, Banco de la Republica; **Juan M. Villa**, University of Manchester; **Joaquín Urrego**, Universidad EAFIT

Discussants:

Guido Pellegrini, University of Rome La Sapienza
Chiara F. Del Bo, Università degli Studi di Milano
Zhenhua Chen, George Mason University
Jaime Alfredo Bonet, Banco de la Republica
Guido Pellegrini, University of Rome La Sapienza

179. Housing Markets Saturday Nov 15 | 10:30 AM–12:30 PM | Patuxent Suite

- Chair: Ting Zhang**, University of Baltimore
- *Does an Oligopolistic Primary Market Matter? The Case of an Asian Housing Market*, **Charles Ka Yui Leung**, City University of Hong Kong; **Edward Tang**
 - *Supporting Housing Demand: Learning from French Policy Experiments*, **Kevin Beaubrun-Diant**, Paris-Dauphine University; **Tristan-Pierre Maury**, EDHEC Business School
 - *Neighborhood Price Index: The Case of Recife, Brazil*, **Álvaro Furtado Coelho Júnior**, Federal University of Pernambuco (UFPE)/PIMES and University of Illinois, Urbana-Champaign; **Esteban Lopez**, University of Illinois; **Raul da Mota Silveira Neto**, Federal University of Pernambuco
 - *Housing Price Variability: National and Local Impacts*, **Ting Zhang**, University of Baltimore; **Dan Gerlowski**, University of Baltimore; **Deborah Ford**, University of Baltimore

Discussants:

Ting Zhang, University of Baltimore
Charles Ka Yui Leung, City University of Hong Kong
Tristan-Pierre Maury, EDHEC Business School
Álvaro Furtado Coelho Júnior, Federal University of Pernambuco (UFPE)/PIMES and University of Illinois, Urbana-Champaign

180. Pollution and Transport Saturday Nov 15 | 10:30 AM–12:30 PM | Potomac Suite

Chair: Chang-Hee Christine Bae, University of Washington

- *A Comparison of Children's Air Pollution Exposure between Active Transportation Modes.*, **Matthew D. Adams**, McMaster University; **Pavlos S. Kanaroglou**, McMaster University
- *Transport-Related Air Pollution (PM_{2.5}) in Shanghai*, **Chang-Hee Christine Bae**, University of Washington; **Shijia Ling**, University of Washington
- *Can New Light Rail Reduce Personal Vehicle Carbon Emissions? A Before-After, Experimental-Control Evaluation in Los Angeles*, **Marlon Boarnet**, University of Southern California; **Xize Wang**, University of Southern California; **Douglas Houston**, University of California, Irvine

Discussants:

Xize Wang, University of Southern California
Matthew D. Adams, McMaster University
Chang-Hee Christine Bae, University of Washington

181. Carbon and Energy Policy II Saturday Nov 15 | 10:30 AM–12:30 PM | Severn Suite

Chair: Max C. Munday, Cardiff Business School

- *Global Carbon Mitigation Cooperation Scheme Study Based on Game Theory*, **Changxin Liu**; **Zheng Wang**; **Yuan Tian**; **Rui Huang**
- *Energy Transition and Employment in U.K. regions*, **Max C. Munday**, Cardiff Business School; **Calvin Jones**, Cardiff University; **Jane Bryan**, Cardiff University; **Neil Evans**, Regeneris Consulting
- *Distributional Impact of a Carbon Tax in Indonesia and ASEAN*, **Ditya A. Nurdianto**, Indonesian Ministry of Foreign Affairs; **Budy P. Resosudarmo**, Australian National University
- *Low Carbon Economy in Brazil: Policy Alternatives, Costs of Reducing Greenhouse Gas Emissions and Impacts on Households*, **Aline Magalhaes**, UFMG; **Edson Paulo Domingues**, Federal University of Minas Gerais

Discussants:

Aline Magalhaes, UFMG
Zheng Wang
Max C. Munday, Cardiff Business School
Budy P. Resosudarmo, Australian National University

182. Finance and Taxes Saturday Nov 15 | 10:30 AM–12:30 PM | Susquehanna Suite

Chair: Daniel Shoag, Harvard Kennedy School

- *Income and Tax Revenue Volatility: An Analysis of U.S. States*, **Harvey Cutler**, Colorado State University; **Martin Shields**, Colorado State University
- *The Impact of Restaurant Letter Grades on Taxes and Sales: Evidence from New York City*, **Rachel Meltzer**, The New School; **Michah Rothbart**, New York University; **Amy Ellen Schwartz**, New York University; **Tod Mijanovich**, New York University; **Meryle Weinstein**, New York University; **Thad Calabrese**, New York University; **Diana Silver**, New York University; **Jean Bae**, New York University
- *A Regional Tale of Two Income Taxes*, **Jerome Segura III**, Oklahoma City University
- *Shops and the City: Evidence on Local Externalities and Local Government Policy from Big Box Bankruptcies*, **Daniel Shoag**, Harvard Kennedy School; **Stan Veuger**, American Enterprise Institute

Discussants:

Daniel Shoag, Harvard Kennedy School
Harvey Cutler, Colorado State University
Amy Ellen Schwartz, New York University, The New School
Jerome Segura III, Oklahoma City University

183. Urban Systems and Typologies Saturday Nov 15 | 10:30 AM–12:30 PM | Tiffany Salon

Chair: Poulicos Prastacos, FORTH

- *Cities, Wages, and the Urban Hierarchy*, **Juan D. Soto**, Universidad Católica del Norte, Chile; **Dusan Paredes-Araya**, Universidad Católica del Norte, Chile
- *One Country, Multiple Urban Systems: Focusing on Bimodality in China's City-Size Distribution*, **Kyung-Min Nam**, The University of Hong Kong; **Xin Li**, Columbia University
- *Explaining Changes in City Rank-Size: An Analysis of the Growth Dynamics of 135 Canadian Urban Areas 1971-2011*, **Mario Polese**, University of Quebec; **Jean Dube**, Université Laval

- *The Role of Urban Hierarchy in the Development of the United States Urban System*, **Elizabeth A. Dobis**, Purdue University; **Michael S. Delgado**, Purdue University; **Raymond J.G.M. Florax**, Purdue University; **Peter Mulder**, VU University Amsterdam
- *Analyzing European Cities Using Spatial Metrics: Towards a City Typology Based on the Urban Atlas Dataset*, **Poulicos Prastacos**, FORTH; **Apostolos Lagarias**, FORTH

Discussants:

Poulicos Prastacos, FORTH

Dusan Paredes-Araya, Universidad Católica del Norte, Chile

Kyung-Min Nam, The University of Hong Kong

Mario Polese, University of Quebec

Elizabeth A. Dobis, Purdue University

184. Regional Systems of Entrepreneurship IV Saturday Nov 15 | 10:30 AM–12:30 PM | Diplomat Room

Organizers: **Zoltan J. Acs**, George Mason University; **Haifeng Qian**, University of Iowa

Chair: **Matt Saboe**

- *Entrepreneurship, Growth, Regional Growth Regimes*, **Sandra Kublina**; **Michael Fritsch**, University of Jena
- *Regional Value Chain Alliances for Innovation and Entrepreneurship*, **Gregory Theyel**
- *Agglomerative Financing: How the City Affects Capital Acquisition in New Firms*, **Matt Saboe**

Discussants:

Matt Saboe

Sandra Kublina

Gregory Theyel

185. Spatial Econometrics IV: Applications Saturday Nov 15 | 10:30 AM–12:30 PM | Embassy Suite

Organizer and Chair: **Giuseppe Arbia**, Università Cattolica del Sacro Cuore

- *A Spatial Panel Analysis of the Environmental Kuznets Curve in Mexico*, **Miguel Flores**; **Amado Villarreal**, EGAP
- *Estimating Residential Land Values and Airport Infrastructure Effects Using Local Polynomial Regressions*, **Cletus C. Coughlin**, Federal Reserve Bank of St. Louis; **Jeffrey P. Cohen**, University of Connecticut; **John M. Clapp**, University of Connecticut
- *Estimating Networks without Network Data: An Integrated Spatial Model*, **Pedro C.L. Souza**, London School of Economics
- *On the Link between Volatility and Growth: A Spatial Econometrics Approach*, **Girum Abate**, Aarhus University

Discussants:

Girum Abate, Aarhus University

Miguel Flores

Cletus C. Coughlin, Federal Reserve Bank of St. Louis

Pedro C.L. Souza, London School of Economics

186. UEA 10A: History and Path-Dependence Saturday Nov 15 | 10:30 AM–12:30 PM | Congressional Room

Chair: **Yannis M. Ioannides**, Tufts University

- *Walled Cities in Late Imperial China*, **Yannis M. Ioannides**, Tufts University; **Junfu Zhang**, Clark University
- *History, Path Dependence and Development: Evidence from Colonial Railroads, Settlers and Cities in Kenya*, **Remi Jedwab**, George Washington University; **Edward Kerby**, London School of Economics; **Alexander Moradi**, University of Sussex
- *The Effect of the Spanish Reconquest on Iberian Cities*, **David Cuberes**, University of Sheffield; **Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- *Estimating the Impact due to Railroads on County-Level Output in the United States for Every Census Year Between 1840 and 1900*, **Fernando Diego Perez Cervantes**, Banco de Mexico

Discussants:

Alexander Moradi, University of Sussex

Rafael González-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)

Fernando Diego Perez Cervantes, Banco de Mexico
Yannis M. Ioannides, Tufts University

187. UEA 10C: Social Interactions: Neighborhoods, Schools and the Labor Market Saturday Nov 15 | 10:30 AM–12:30 PM | Judiciary Suite

Chair: Gregorio S. Caetano, University of Rochester

- *Social Interactions and Location Decisions: Evidence from U.S. Mass Migration*, **Bryan Stuart**, University of Michigan; **Evan Taylor**, University of Michigan
- *Social Networks, Commuting and (Un)employment Rates*, **Paola Liliana Montero Ledezma**, Université catholique de Louvain
- *Labor Market Networks and Recovery from the Great Recession*, **Judith K. Hellerstein**, University of Maryland; **Mark Kutzbach**, U.S. Census Bureau; **David Neumark**, UCI
- *School Segregation and the Identification of Tipping Behavior*, **Gregorio S. Caetano**, University of Rochester; **Vikram Maheshri**, University of Houston

Discussants:

Mark Kutzbach, U.S. Census Bureau

Gregorio S. Caetano, University of Rochester

Evan Taylor, University of Michigan

Paola Liliana Montero Ledezma, Université catholique de Louvain

188. UEA 10B: Skills and Technological Progress Saturday Nov 15 | 10:30 AM–12:30 PM | Old Georgetown Room

Chair: Gabriel M. Ahlfeldt, LSE

- *Getting a First Job: Quality of the Labor Matching in French Cities*, **Brahim Boualam**, University of Geneva
- *The Workforce of Pioneer Plants*, **Ricardo Hausmann**, Harvard University; **Frank Neffke**, Harvard University; **Anne Otto**, Institute of Employment Research (IAB)
- *Speed 2.0: Evaluating Access to Universal Digital Highways*, **Gabriel M. Ahlfeldt**, LSE; **Pantelis Koutroumpis**, Imperial College Business School; **Tommaso Valletti**, Imperial College London
- *Technological Progress and Economic Geography*, **Takatoshi Tabuchi**, University of Tokyo; **Jacques Thisse**, CORE; **Xiwei Zhu**, Zhejiang University

Discussants:

Gabriel M. Ahlfeldt, LSE

Takatoshi Tabuchi, University of Tokyo

Brahim Boualam, University of Geneva

Frank Neffke, Harvard University

12:30 PM–2:30 PM

189. NARSC Awards Luncheon Saturday Nov 15 | 12:30 PM–2:30 PM | Crystal Ballroom

2:45 PM–4:45 PM

190. Regional Policy Saturday Nov 15 | 2:45 PM–4:45 PM | Ambassador Room

Chair: Frank van Oort, Utrecht University

- *Regional Policy, Employment Diversity and Economic Resilience*, **Lathania Wendy-Kay Brown**, Ohio State University; **Robert Greenbaum**, Ohio State University
- *A Shopping List Approach to Regional Development: A Cautionary Note on the Application of Smart Specialisation*, **Andrew James Crawley**, University of Illinois, Urbana Champaign
- *Spatial Discontinuity for the Impact Assessment of the E.U. Regional Policy: How Does the Net Impact of the Policy Differ across Countries?*, **Riccardo Crescenzi**, London School of Economics; **Mara Giua**, Roma Tre
- *Implementing Two-Level Governance into RHOMOLO*, **Lesley Potters**, European Commission; **Olga Diukanova**, European Commission

- *Economic Networks, Revealed Regional Competition and Regional Policy in Europe: One Man's Meat is Another Man's Poison*, **Frank van Oort**, Utrecht University; **Mark Thissen**, Netherlands Environmental Assessment Agency; **Dario Diodato**, University of Utrecht; **Martijn Burger**, Erasmus University Rotterdam

Discussants:

Frank van Oort, Utrecht University
Lathania Wendy-Kay Brown, Ohio State University
Andrew James Crawley, University of Illinois, Urbana Champaign
Mara Giua, Roma Tre
Olga Diukanova, European Commission

191. Rural Economic Development Saturday Nov 15 | 2:45 PM–4:45 PM | Cartier Salon

Chair: Christopher Yench, West Virginia University

- *Social Capital and Rural Small Business Density*, **Bjorn Markeson**, University of Wisconsin, Madison
- *Economic Linkages between Urban and Rural Regions*, **Gary Bosworth**, University of Lincoln; **Viktor Venhorst**, University of Groningen
- *The Importance of Rural Areas: The Spatial and Socio-Economic Dimensions as a Strategy for Rural Development*, **Oladayo Ramon Ibrahim**, Lagos State Polytechnic
- *Hedonic Analysis of Hot-Tub Cabin Tourism in Hocking Hills, Ohio*, **Darla Munroe**, Ohio State University
- *The Impact of Commercial Air Service on Rural Communities: An Instrumental Variables Approach*, **Christopher Yench**, West Virginia University; **Amanda Ross**, West Virginia University

Discussants:

Christopher Yench, West Virginia University
Bjorn Markeson, University of Wisconsin, Madison
Viktor Venhorst, University of Groningen
Oladayo Ramon Ibrahim, Lagos State Polytechnic
Darla Munroe, Ohio State University

192. GIS Applications Saturday Nov 15 | 2:45 PM–4:45 PM | Diplomat Room

Chair: Martin M. Kaufman, University of Michigan, Flint

- *GIS Method for Characterizing Fire-Fighting Capacity in Hazardous Situations*, **Martin M. Kaufman**, University of Michigan, Flint; **Troy Rosencrants**, University of Michigan, Flint
- *Exploring the Dynamic Spatial Patterns of Hotel and Entertainment Development: Savannah, Charleston, and New Orleans, 1997-2011*, **Li Yin**, University at Buffalo, The State University of New York; **Sam Cole**, University at Buffalo, The State University of New York; **Laiyun Wu**, University at Buffalo, the State University of New York
- *Urban Landscape Analysis and Environmental Justice: Case of West Dallas*, **Sima Namin**
- *Crowdsourcing Challenge, from Control to Co-Evolution*, **Junia Lucio de Castro Borges**, Universidade Federal de Minas Gerais; **Ana Clara Mourão Moura**, Universidade Federal de Minas Gerais

Discussants:

Junia Lucio de Castro Borges, Universidade Federal de Minas Gerais
Martin M. Kaufman, University of Michigan, Flint
Li Yin, University at Buffalo, The State University of New York
Sima Namin

193. Local Finance and Service Provision Saturday Nov 15 | 2:45 PM–4:45 PM | Executive Boardroom

Chair: Judith Stallmann, University of Missouri

- *Circumvention of State Fiscal Limitations on Local Governments: The Role of Special Districts*, **Christopher B. Goodman**, Rutgers University; **Suzanne M. Leland**, University of North Carolina, Charlotte
- *Provinces and Local Government Revenues Structures and Intra-Province Economic Disparity*, **Riatu M. Qibthiyyah**, University of Indonesia; **Sartika Djamaludin**, University of Indonesia

- *The Impact of Tax and Expenditure Limits on City Credit Ratings*, **Judith Stallmann**, University of Missouri; **Steve Deller**, University of Wisconsin, Madison; **Craig S. Maher**, University of Nebraska, Omaha; **Lindsay Amiel**, University of Wisconsin, Madison
- *Italian Municipalities' Trade Debt: A Spatial Econometric Analysis*, **Fabrizio Renzi**, Bank of Italy; **Stefano Ranucci**, Bank of Italy; **Paolo Crispino**, Bank of Italy

Discussants:

Fabrizio Renzi, Bank of Italy
Christopher B. Goodman, Rutgers University
Riatu M. Qibthiyyah, University of Indonesia
Judith Stallmann, University of Missouri

194. Invention and Innovation Saturday Nov 15 | 2:45 PM–4:45 PM | Judiciary Suite

Chair: Alexandra A. Tsvetkova, Ohio State University

- *Urban Networks of Co-Invention in American Biotechnology*, **Der-Shiuan Lee**, Chinese Culture University; **Breandan O hUallachain**, Arizona State University
- *How to Get from the Periphery into the Core? The Case of Co-Authorship Network Evolution in Neuroscience*, **Attila Varga**, University of Pecs; **Tamás Sebestyén**, University of Pécs; **Orsolya Hau-Horváth**, University of Pécs
- *Globalization of R&D and New Spatial Divisions of Labor in the Chemical Industry: Case of Japanese Companies*, **Natsuki Kamakura**, University of Tokyo
- *Internal and External Effects of Invention of Firm Performance: Business Survival and Job Creation in the U.S. Computer and Electronic Product Manufacturing*, **Alexandra A. Tsvetkova**, Ohio State University; **Jean-Claude Thill**, University of North Carolina, Charlotte; **Deborah Strumsky**, University of North Carolina, Charlotte

Discussants:

Alexandra A. Tsvetkova, Ohio State University
Der-Shiuan Lee, Chinese Culture University
Attila Varga, University of Pecs
Natsuki Kamakura, University of Tokyo

195. Housing and Land Use Saturday Nov 15 | 2:45 PM–4:45 PM | Patuxent Suite

Chair: Jae Hong Kim, University of California, Irvine

- *Determinants of Gentrification in Stockholm: A Spatial Framework*, **Fredrik Kopsch**, Royal Institute of Technology
- *A Micro-Founded Model of Tipping Points*, **Peter Q. Blair**, The Wharton School
- *Forecasting Land Use, Population and Employment for the Greater Houston*, **Pramod Sambidi**, Houston-Galveston Area Council
- *Exploring the Emerging Pattern of Employment-Homeownership Dynamics*, **Jae Hong Kim**, University of California, Irvine; **Xin Tong**, University of California, Irvine
- *Mapping Social Vulnerability in Turkey*, **Tüzin Baycan**, Istanbul Technical University; **Berna Sezen Özen**, Istanbul Technical University

Discussants:

Tüzin Baycan, Istanbul Technical University
Fredrik Kopsch, Royal Institute of Technology
Peter Q. Blair, The Wharton School
Pramod Sambidi, Houston-Galveston Area Council
Jae Hong Kim, University of California, Irvine

196. Accessibility and Equity in Transportation Saturday Nov 15 | 2:45 PM–4:45 PM | Potomac Suite

Chair: Chris Higgins, McMaster University

- *Examining Accessibility and Reliability with the Evolution of Subway System in Seoul Metropolitan Area*, **Hyun Kim**, University of Tennessee; **Yena Song**, Green Technology Center; **Tae-Hyuk Ahn**, Oak Ridge National Laboratory
- *Spatial Equity and High Speed Trains: The Case of France*, **Dominique Andre Bouf**, LET University of Lyon

- *Characterization of Accessibility in the Province of Nova Scotia: Developing a Composite Accessibility Index*, **Stephanie A. Salloum**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University
- *Has Subway Become More Important after Beijing Discouraged the Use of Private Transportation? Evidence from the Housing Market*, **Yangfei Xu**, Tsinghua University; **Qinghua Zhang**, Peking University; **Siqi Zheng**, Tsinghua University
- *Do Canadians Enjoy Congested Commutes? Travel Time, Distance, and the Effects of Congestion on Commute Satisfaction in Canadian Cities*, **Chris Higgins**, McMaster University; **Matthias N. Sweet**, McMaster University; **Pavlos S. Kanaroglou**, McMaster University

Discussants:

Chris Higgins, McMaster University
Hyun Kim, University of Tennessee
Dominique Andre Bouf, LET University of Lyon
Muhammad Ahsanul Habib, Dalhousie University
Yangfei Xu, Tsinghua University

197. Carbon and Energy Policy III Saturday Nov 15 | 2:45 PM–4:45 PM | Severn Suite

Chair: Peter Kedron, Ryerson University

- *Carbon Price Efficiency: Lock-In and Path Dependence in Urban Forms and Transport Infrastructure*, **Paolo Avner**, World Bank; **Jun E. Rentschler**, University College London; **Stéphane Hallegatte**, World Bank
- *Carbon Emission Evaluation with the Computable Urban Economic Model: A Case of Changzhou City, China*, **Runsen Zhang**, Kyoto University; **Kakuya Matsushima**, Kyoto University; **Kiyoshi Kobayashi**, Kyoto University
- *The Political Economy of Vertical Environmental Tax Policy Externalities*, **Per Fredriksson**, University of Louisville; **Halis M. Yildiz**, Ryerson University
- *Government Policy and Renewable Energy: A Study of United States Biofuel Production*, **Peter Kedron**, Ryerson University; **Sharmistha Bagchi-Sen**, SUNY-Buffalo

Discussants:

Peter Kedron, Ryerson University
Paolo Avner, World Bank
Runsen Zhang, Kyoto University
Per Fredriksson, University of Louisville

198. Geography and Interaction Saturday Nov 15 | 2:45 PM–4:45 PM | Susquehanna Suite

Chair: Eckhardt Bode, Kiel Institute for the World Economy

- *Outward FDI and the Geography of Jobs: Evidence from the UK*, **Luisa Gagliardi**, London School of Economics; **Simona Iammarino**, London School of Economics; **Andrés Rodríguez-Pose**, London School of Economics
- *The Analysis of Intraprovincial Trade: The FDI and GDP Relationship*, **Luis Moises Pena Levano**, Purdue University; **William J. Pena-Levano**, U. Garcilaso de la Vega; **Priscilla M. Pena-Levano**, U. San Marcos; **Jorge Diaz**, U. Rey Juan Carlos
- *Half-Life and Spatial Interaction Models: Job Accessibility Analysis in Sweden*, **John Östh**, Uppsala University; **Johan Lyhagen**, Uppsala University; **Aura Reggiani**, University of Bologna
- *Estimating Border Effects: The Impact of Geographic Aggregation*, **Cletus C. Coughlin**, Federal Reserve Bank of St. Louis; **Dennis Novy**, University of Warwick
- *Border Effects in Europe*, **Eckhardt Bode**, Kiel Institute for the World Economy; **Ernesto Rodríguez-Crespo**, Universidad Autónoma de Madrid; **Mark Thissen**, Netherlands Environmental Assessment Agency

Discussants:

Eckhardt Bode, Kiel Institute for the World Economy
Luisa Gagliardi, London School of Economics
Luis Moises Pena Levano, Purdue University
John Östh, Uppsala University
Cletus C. Coughlin, Federal Reserve Bank of St. Louis

199. Urban Structure and Competitiveness *Saturday Nov 15 | 2:45 PM–4:45 PM | Tiffany Salon*

Chair: Johan Klaesson, Jönköping International Business School

- *An Integrated Modeling Framework for Simulating the Effects of Spatial Structure on Sustainable Urban Development*, **Ali Abutalebpur**, West Virginia University; **Hodjat Ghadimi**, West Virginia University
- *Market Potential and Distance Decay - Growth and Decline of Sectors across Locations in Urban Regions*, **Johan Klaesson**, Jönköping International Business School; **Börje Johansson**, Jönköping International Business School
- *Capitalizing on Neighborhood Enterprise Zones: Are Michigan Residents Paying for the NEZ Homestead Exemption?*, **Timothy R. Hodge**, Allegheny College
- *An Equilibrium Size for Cities in China*, **Daidai Shen**, University of North Carolina, Charlotte; **Jean-Claude Thill**, University of North Carolina, Charlotte

Discussants:

Daidai Shen, University of North Carolina, Charlotte

Ali Abutalebpur, West Virginia University

Johan Klaesson, Jönköping International Business School

Timothy R. Hodge, Allegheny College

200. Spatial Econometrics V: Applications *Saturday Nov 15 | 2:45 PM–4:45 PM | Embassy Suite*

Organizer: Giuseppe Arbia, Università Cattolica del Sacro Cuore

Chair: Jeffrey P. Cohen, University of Connecticut

- *The Region Specific Importance of Structural Factors in the Efficiency of Industries in Europe*, **Mark Thissen**, Netherlands Environmental Assessment Agency; **Thomas de Graaff**, VU University Amsterdam; **Frank van Oort**, Utrecht University
- *Spatial Effects and House Price Dynamics in the Continental U.S.*, **Jeffrey P. Cohen**, University of Connecticut; **Yannis M. Ioannides**, Tufts University; **Win Thanapisitikul**, Tufts University

Discussants:

Giuseppe Arbia, Università Cattolica del Sacro Cuore

Mark Thissen, Netherlands Environmental Assessment Agency

201. UEA 11A: Housing, Neighborhoods and Natural Disasters *Saturday Nov 15 | 2:45 PM–4:45 PM | Congressional Room*

Chair: Jeffrey Zabel, Tufts University

- *Can Distressed Neighborhoods Be Saved? Evidence from the Neighborhood Stabilization Program*, **Jenny Schuetz**, University of Southern California
- *Housing and Labor Market Vacancies*, **Jeffrey Zabel**, Tufts University
- *Do Housing Choice Voucher Holders Move Towards Better Schools?*, **Keren Mertens Horn**, University of Massachusetts, Boston; **Amy Ellen Schwartz**, New York University; **Ingrid Gould Ellen**, New York University
- *Disaster Expectations, Home Maintenance, and the Effects of Hurricanes on Local Labor Markets*, **Kyle K. Hood**, Bureau of Economic Analysis

Discussants:

Kyle K. Hood, Bureau of Economic Analysis

Amy Ellen Schwartz, New York University

Jeffrey Zabel, Tufts University

Jenny Schuetz, University of Southern California

202. UEA 11B: Miscellaneous: Resource Extraction, House Prices *Saturday Nov 15 | 2:45 PM–4:45 PM | Old Georgetown Room*

Chair: Thomas J. Holmes, University of Minnesota

- *Winning the Oil Lottery: The Impact of Natural Resource Extraction on Growth*, **Tiago V. Cavalcanti**, University of Cambridge; **Daniel Da Mata**, IPEA; **Frederik Giancarlo Toscani**, University of Cambridge
- *Regulation and the Incentives for Land Acquisition in an Oil Boom*, **Thomas J. Holmes**, University of Minnesota; **Boyoung Seo**, University of Minnesota; **Matthew Shapiro**, University of Minnesota
- *Border Effects in House Prices*, **Jan Rouwendal**, VU University Amsterdam
- *Measuring Agglomeration: Which Estimator Should We Use?*, **Erik Johnson**, Quinnipiac University

Discussants:

Thomas J. Holmes, University of Minnesota

Daniel Da Mata, IPEA

Erik Johnson, Quinnipiac University

Jan Rouwendal, VU University Amsterdam

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