

Wednesday, 11 November 2015

8:00 AM-5:00 PM

1. **Workshop: Spatial Data Analysis with PySAL and GeoDaSpace** *Wednesday Nov 11 | 8:00 AM-5:00 PM | Galleria I*
Organizers: Sergio J. Rey, Arizona State University; Luc Anselin, Arizona State University

2. **Workshop: Economic Modeling with TERM-USA Using Customized RunGEM (CRunGEM)** *Wednesday Nov 11 | 8:00 AM-5:00 PM | Galleria II*

Organizer: John R. Madden, Victoria University

3:00 PM-5:00 PM

RSAI Long-Range Planning Committee Meeting (Invitation Only) *Wednesday Nov 11 | 3:00 PM-5:00 PM | Forum Suite*

4:00 PM-8:30 PM

Registration *Wednesday Nov 11 | 4:00 PM-8:30 PM | Grand Ballroom Foyer*

6:45 PM-8:00 PM

3. **Words of Welcome and RSAI Fellows Plenary** *Wednesday Nov 11 | 6:45 PM-8:00 PM | Grand Ballroom II*

Chairs: Andrés Rodríguez-Pose, London School of Economics; David Boyce, University of Illinois, Chicago

- *Tales from the Vertical City: Access, Amenities, and Agglomeration*, William Strange, University of Toronto

8:00 PM-9:30 PM

NARSC Icebreaker Reception *Wednesday Nov 11 | 8:00 PM-9:30 PM | Grand Ballroom I*

Thursday, 12 November 2015

7:30 AM-5:30 PM

Registration and Exhibits *Thursday Nov 12 | 7:30 AM-5:30 PM | Grand Ballroom Foyer*

8:00 AM-10:00 AM

NARSC Council Meeting (Invitation Only) *Thursday Nov 12 | 8:00 AM-10:00 AM | Forum Suite*

4. **Modeling Environmental Issues I** *Thursday Nov 12 | 8:00 AM-10:00 AM | Cabinet Suite*

Chair: Mitchell R. Livy, California State University, Fullerton

- *Inter-temporal IO Analysis of Green Growth by Regional Wooden Biomass Resource: A Case of Maniwa City, Japan*, Ryohei Nakamura, Public Policy
- *Convergence of Cross-Province Energy Intensity in China*, Henk Folmer, University of Groningen
- *Upward Sloping Demand for Residential Electricity Consumption*, Thomas M. Fullerton, University of Texas, El Paso; Ileana M. Resendez

- *Development of a Multi-Spatial Residential Sorting Model: Implications for Stormwater Management Policies*, **Mitchell R. Livy**, California State University, Fullerton; **Allen Klaiber**, Ohio State University

Discussants:

Mitchell R. Livy, California State University, Fullerton
Ryohei Nakamura, Public Policy
Henk Folmer, University of Groningen
Thomas M. Fullerton, University of Texas, El Paso

5. Determinants and Variations in Wages | Thursday Nov 12 | 8:00 AM-10:00 AM | Council Suite

Chair: Kirstin M.E. Munro, Portland State University

- *The Distribution and Impacts of Wage Theft in Illinois*, **Joshua M. Drucker**, University of Illinois, Chicago; **Jacob Lesniewski**, Dominican University
- *How Wages in Washington State Have Changed over Time: An Analysis of Unemployment Insurance Data*, **Scott D. Bailey**, Washington State Employment Security Department; **Anneliese Vance-Sherman**, Washington State Employment Security Department
- *Decomposing the Wage Differential between Veterans and Non-Veterans*, **Amanda L. Weinstein**, University of Akron; **Francesco Renna**, University of Akron
- *Over-Education and Earnings in the Portland Metro Area*, **Kirstin M.E. Munro**, Portland State University

Discussants:

Kirstin M.E. Munro, Portland State University
Joshua M. Drucker, University of Illinois, Chicago
Anneliese Vance-Sherman, Washington State Employment Security Department
Amanda L. Weinstein, University of Akron

6. Development Challenges and Successes Thursday Nov 12 | 8:00 AM-10:00 AM | Directors Suite

Chair: Chia-Ming Yu, National Tsing Hua University

- *Mining and Education: Evidence from Colombia's Gold Rush*, **Leonardo Bonilla**, University of Illinois, Urbana-Champaign
- *GIS Enabled Asset Management of Gas Distribution Network: A Case Study of Shadara, Lahore Pakistan.*, **Zia Ul Islam**, University of the Punjab; **Sajid Rashid Ahmad**, University of the Punjab; **Khurram Chohan**, University of the Punjab
- *Shipping Route Choice Across Geographies: Modeling Evidence from European Trade Flows*, **Mona Kashiha**, Boston College; **Jean-Claude F. Thill**, University of North Carolina, Charlotte
- *Where to Locate in Main Global Markets?*, **Wen-Chung Guo**, National Taipei University; **Fu-Chuan Lai**, Academia Sinica; **Chia-Ming Yu**, National Tsing Hua University

Discussants:

Chia-Ming Yu, National Tsing Hua University
Leonardo Bonilla, University of Illinois, Urbana-Champaign
Zia Ul Islam, University of the Punjab
Mona Kashiha, Boston College

7. Migration Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria I

Chair: Brigitte Waldorf, Purdue University

- *Living in a Deprived Neighborhood Is a Temporary Stop in Life -- A Danish Case*, **Cecilie Dohmann Weatherall**, Kraksfond the Institute for Urban Economic Research; **Bence Boje-Kovacs**, Krak Institute for Urban Economic Research; **Aske Egsgaard-Pedersen**, Krak Institute for Urban Economic Research
- *Can Empowerment Zones (EZs) Prevent the Rural Brain Drain? An Evaluation of the EZ/EC Program on Rural Migration Trends*, **Clare Y. Cho**, USDA Economic Research Service
- *Can a Regionally Targeted Migration Policy Promote Long-Run Regional Development? - An Application of the Multiregional CGE TERM Model*, **Nhi H. Tran**, Victoria University; **Elisabeth L. Roos**, Victoria University; **James A. Giesecke**, Victoria University; **John R. Madden**, Victoria University
- *A Migration Model of Loss-Aversion: The Role of Economic Prospect and Spatial Referencing*, **Seong Do Yun**, Yale University; **Brigitte Waldorf**, Purdue University

Discussants:

Brigitte Waldorf, Purdue University
Bence Boje-Kovacs, Krak Institute for Urban Economic Research
Clare Y. Cho, USDA Economic Research Service
John R. Madden, Victoria University

8. Property Values and Accessibility Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria II

Chair: Laura H. Atuesta, CIDE

- *Impact of Intercity Passenger Rail on Urban Housing Prices: An Investigation from Three Chinese Metropolitan Areas*, **Zhenhua Chen**, University of Southern California; **Kingsley Haynes**, George Mason University
- *Long-Term Impact of Network Access to Bike Facilities and Public Transit Stations on Housing Sales Prices in Portland, Oregon*, **Timothy Welch**, Georgia Institute of Technology; **Steven R. Gehrke**, Portland State University; **Fangru Wang**, Georgia Institute of Technology
- *Impact on Housing Prices of a Circular Large Transport Project in a Polycentric Context: Quantified Case Study of the Grand Paris Express Project*, **Vincent Viguié**, Ecole des Ponts ParisTech; **Nicolas E. Coulombel**, Université Paris Est
- *Accessibility to Employment Sub-Centers and Property Values in Mexico*, **Laura H. Atuesta**, CIDE; **Jose E. Ibarra**, London School of Economics; **Nancy Lozano-Gracia**, World Bank

Discussants:

Laura H. Atuesta, CIDE
Zhenhua Chen, University of Southern California
Timothy Welch, Georgia Institute of Technology
Vincent Viguié, Ecole des Ponts ParisTech

9. Transport Policy and Theory Thursday Nov 12 | 8:00 AM-10:00 AM | Galleria III

Chair: David King, Columbia University

- *Disadvantaged Groups and Public Transport: Key Factors in Demand Analysis-A Case Study of the Elderly*, **Chia-Nung Li**, Chinese Culture University
- *Transportation Public-Private Partnerships and Supplier Diversity*, **Jeong Yun Kweun**, George Mason University; **Jonathan L. Gifford**, George Mason University; **Lisardo A. Bolaños**, George Mason University
- *Exploring the Positive Utility of Travel Through Theory and Simulation*, **Patrick Singleton**, Portland State University; **Kelly J. Clifton**, Portland State University
- *Are Public Streets Becoming Private Spaces? Implications for Transport Policy*, **David King**, Columbia University

Discussants:

David King, Columbia University
Chia-Nung Li, Chinese Culture University
Jeong Yun Kweun, George Mason University
Patrick Singleton, Portland State University

10. Economic Impacts of Transit Development Thursday Nov 12 | 8:00 AM-10:00 AM | Parlor B

Chair: Wei Li, Texas A&M University

- *Using a CGE Model for Analyzing the Macroeconomic Impact of the Grand Paris Express Project on the Ile-de-France Region*, **Haykel Hadj Salem**, Université des Sciences et Technologies de Lille; **Aboukacem El-Mehdi**, University of Lille1; **Hubert Jayet**, University of Lille1; **Moez Kilani**, Université de Lille; **Quentin David**, Université de Lille; **Hakim Hammadou**, University of Lille1
- *High-speed Rail and Land Development in China*, **Pengyu Zhu**, Boise State University
- *Economic Development Impacts of Federal Government Investments in Urban Circulators and Streetcar Systems*, **Sisinnio Concas**, University of South Florida
- *Light Rail Transit and Economic Growth: Documenting Evidences from a Longitudinal Quasi-Experimental Design*, **Wei Li**, Texas A&M University

Discussants:

Wei Li, Texas A&M University
Hubert Jayet, University of Lille1

Pengyu Zhu, Boise State University
Sisinnio Concas, University of South Florida

11. Provision of Local Services Thursday Nov 12 | 8:00 AM-10:00 AM | Parlor C

Chair: Pedro Amaral, Universidade Federal de Minas Gerais

- *Gridlock: Ethnic Diversity in Government and the Provision of Local Public Goods*, **Daniel Jones**, University of South Carolina
- *Electoral Cycles, Political Alignment and Health Care: Empirical Evidence from Brazilian Municipalities*, **Maria Izabel Mendes**, Federal University of Juiz de Fora; **Flavia Chein**, Federal University of Juiz de Fora
- *Determinants of Municipalities' Police Expenditures*, **Junior Burssens**, Ghent University; **Carine Smolders**, Ghent University; **Stijn Goeminne**, Ghent University
- *Urban Network in the Metropolitan Area of Belo Horizonte, Brazil: Selective (De-)Concentration of the Services Sector*, **Pedro Amaral**, Universidade Federal de Minas Gerais; **Rodrigo Simões**, Federal University of Minas Gerais

Discussants:

Pedro Amaral, Universidade Federal de Minas Gerais
Daniel Jones, University of South Carolina
Flavia Chein, Federal University of Juiz de Fora
Junior Burssens, Ghent University

12. Regional Science in an Urban Environment Thursday Nov 12 | 8:00 AM-10:00 AM | Senate Suite

Chair: Sophie Legras, INRA

- *A Statistical Approach to Comparative Statics: An Example of Transport Improvement and Taxation*, **Asao Ando**, Tohoku University; **Ryuji Kakimoto**, Kumamoto University
- *Treatment of Indeterminate in Credit Scoring Model*, **Hua Kiefer**, Office of the Comptroller of the Currency
- *Measuring Localization Using a Conditional Distance-Based Approach*, **Théophile Bougna**, University of Quebec, Montreal
- *Pollution in Happyville*, **Sophie Legras**, INRA

Discussants:

Sophie Legras, INRA
Asao Ando, Tohoku University
Hua Kiefer, Office of the Comptroller of the Currency
Théophile Bougna, University of Quebec, Montreal

13. Spatial Econometrics I Thursday Nov 12 | 8:00 AM-10:00 AM | Executive Suite

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

- *A Bias-Correction Model for Locational Errors in Spatial Econometrics*, **Giuseppe Arbia**, Università Cattolica del Sacro Cuore, Rome; **Diego Giuliani**; **Giuseppe Espa**,
- *Detecting Spatial and Spatio-Temporal Dependence in Spatial Data Pooled over Time*, **Jean Dubé**, Université Laval; **Diègos Legros**, Université de Bourgogne
- *Spatial Analysis of Province Level Water Use in China*, **Xueting Zhao**, West Virginia University

Discussants:

Xueting Zhao, West Virginia University
Giuseppe Arbia, Università Cattolica del Sacro Cuore, Rome
Jean Dubé, Université Laval

14. Regional/Rural Development I: Natural Resources, Alternate Agriculture, and Growth Thursday Nov 12 | 8:00 AM-10:00 AM | Studio Suite

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

Chair: Jason Brown, Federal Reserve Bank of Kansas City

- *The Recent Boom in Energy Production and Educational Attainment*, **Hongbo Wang**, Oklahoma State University; **John V. Winters**, Oklahoma State University; **Dan Rickman**, Oklahoma State University
- *Women Farmers and Rural Economic Performance*, **Steve Deller**, University of Wisconsin, Madison; **Tessa Conroy**, University of Wisconsin, Madison

- *Regional Windfalls or Beverly Hillbillies? Local and Absentee Ownership of Oil and Gas Royalties*, **Jason Brown**, Federal Reserve Bank of Kansas City; **Tim Fitzgerald**, Montana State University; **James Sears**, Montana State University; **Jeremy Weber**, University of Pittsburgh
- *A Spatial Analysis of Agritourism in the U.S.: What Drives Innovative Agritourism Clusters?*, **Anders Van Sandt**, Colorado State University

Discussants:

Jason Brown, Federal Reserve Bank of Kansas City
Anders Van Sandt, Colorado State University
Dan Rickman, Oklahoma State University
Steve Deller, University of Wisconsin, Madison

15. UEA 01A: Systems of Cities I Thursday Nov 12 | 8:00 AM-10:00 AM | Broadway I

Chair: Frederic Robert-Nicoud, Geneva School of Economics and Management

- *Common Labor Market, Attachment and Spillovers in a Large Federation*, **Emilson Caputo Delfino Silva**, University of Alberta; **Vander Lucas**, University of Brasilia
- *New Trade Models, Elusive Welfare Gains*, **Kristian Behrens**, UQAM; **Yoshitsugu Kanemoto**, National Graduate Institute for Policy Studies; **Yasusada Murata**, Nihon University
- *Firm Mobility and the Impact of Labor Market Policies*, **Kyle Hood**, Bureau of Economic Analysis
- *The Optimal Distribution of Population across Cities: Are Cities too Big?*, **David Albouy**, University of Illinois, Urbana-Champaign; **Kristian Behrens**, UQAM; **Frederic Robert-Nicoud**, Geneva School of Economics and Management; **Nathan Seegert**, University of Utah

Discussants:

Frederic Robert-Nicoud, Geneva School of Economics and Management
Emilson Caputo Delfino Silva, University of Alberta
Yasusada Murata, Nihon University
Kyle Hood, Bureau of Economic Analysis

16. UEA 01B: Taxation and Local Public Finance Thursday Nov 12 | 8:00 AM-10:00 AM | Broadway II

Chair: David R. Agrawal, University of Georgia

- *The Effect of State Taxes on the Geographical Location of Top Earners: Evidence from Star Scientists*, **Enrico Moretti**, University of California - Berkeley; **Daniel John Wilson**, Federal Reserve Bank of San Francisco
- *Capitalization of Equalizing Grants and the Flypaper Effect*, **Maarten Allers**, University of Groningen; **Wouter Vermeulen**, CPB Netherlands Bureau for Economic Policy Analysis
- *Tax Effects of Amalgamations: Evidence from Swiss Municipalities*, **Florian Chatagny**, ETH Zürich
- *The Internet as a Tax Haven? The Effect of the Internet on Tax Competition*, **David R. Agrawal**, University of Georgia

Discussants:

David R. Agrawal, University of Georgia
Daniel John Wilson, Federal Reserve Bank of San Francisco
Wouter Vermeulen, CPB Netherlands Bureau for Economic Policy Analysis
Florian Chatagny, ETH Zürich

17. UEA 01C: Cities and Environmental Policy Thursday Nov 12 | 8:00 AM-10:00 AM | Broadway III

Chair: William D. Larson, Federal Housing Finance Agency

- *Effects of Environmental Regulation in China: Water Pollution in the Yangtze River and Industrial Relocation*, **Zhi Wang**, Fudan University; **Matthew Kahn**, University of California, Los Angeles; **Yu Liu**, Fudan University; **Zhao Chen**, Fudan University
- *Canary in a Coal Mine: Impact of Mid-20th Century Air Pollution on Infant Mortality and Property Values*, **Karen Clay**, Carnegie Mellon University; **Joshua Lewis**, University of Montreal; **Edson Severnini**, Carnegie Mellon University
- *Where Does the Wind Blow? Green Preferences and Spatial Misallocation in Renewable Energy Sector*, **Yatang Lin**, London School of Economics
- *The Energy and Urban Form Implications of Telework*, **William D. Larson**, Federal Housing Finance Agency; **Weihua Zhao**, George Washington University

Discussants:

William D. Larson, Federal Housing Finance Agency
Zhi Wang, Fudan University
Edson Severnini, Carnegie Mellon University
Yatang Lin, London School of Economics

10:00 AM-10:30 AM

Coffee Break Thursday Nov 12 | 10:00 AM-10:30 AM | Grand Ballroom Foyer

10:30 AM-12:00 PM

18. NARSC Presidential Plenary Thursday Nov 12 | 10:30 AM-12:00 PM | Grand Ballroom II

Chair: Neil Reid, University of Toledo

- *Tobler's Law and Spatial Optimization*, **Richard L. Church**, University of California, Santa Barbara

12:30 PM-2:30 PM

PRSCO Council (Invitation Only) Thursday Nov 12 | 12:30 PM-2:30 PM | Forum Suite

1:30 PM-3:30 PM

19. Input-Output: Applications Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway IV

Chair: Moez Kilani, Universite de Lille

- *Synergy Effect of Combining Agriculture with Processing and Distributing Industries in Okinawa Regional Economy: A New Approach by Endogenous Consumption IO Model*, **Yuko Akune**, Reitaku University; **Yoshifumi Ishikawa**, Nanzan University; **Ryohei Nakamura**, Public Policy
- *Exploring the Economy-Wide Impacts of Urban Renewal Projects in Bogota*, **Javier Perez-Burgos**, University of the Andes
- *Identification Change of Economic Interactions Among Sectors for Chicago Economy Using Feedback Loop Analysis*, **Xiuli Liu**, Chinese Academy of Sciences; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Local Economic Development in Tunisia (North Africa)*, **Moez Kilani**, Universite de Lille

Discussants:

Moez Kilani, Universite de Lille
Yuko Akune, Reitaku University
Javier Perez-Burgos, University of the Andes
Xiuli Liu, Chinese Academy of Sciences

20. Modeling Environmental Issues II Thursday Nov 12 | 1:30 PM-3:30 PM | Cabinet Suite

Chair: Sandy Dall Erba, University of Illinois

- *Regional Energy/Economy/Environment (E3) Modeling: Integration of REMI/ENERGY 2020 for E3 Analysis*, **Frederick R. Treyz**, Regional Economic Models, Inc.; **Jeffrey Amlin**, Systematic Solutions, Inc.
- *Economic Impact of New Industries and Carbon Tax in Electric Vehicle Society in Toyohashi City in Japan*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Tomoaki Fujii**, Toyohashi University of Technology
- *Hurricane Sandy and Lost Four Days in the U.S. Economy*, **Minsu Son**, Seoul National University; **Jiyoung Park**, University at Buffalo, SUNY; **ChangKeun Park**, University of Georgia
- *An Input-Output Analysis of Arizona's Virtual Water Trade*, **Sandy Dall Erba**, University of Illinois; **Jinwon Bae**, University of Arizona

Discussants:

Sandy Dall Erba, University of Illinois
Frederick R. Treyz, Regional Economic Models, Inc.
Yuzuru Miyata, Toyohashi University of Technology
Minsu Son, Seoul National University

21. Determinants and Variations in Wages II Thursday Nov 12 | 1:30 PM-3:30 PM | Council Suite

Chair: Zheng Pan, Northern Illinois University

- *How Much Can Be the Wage Curve Overestimated?*, **Bartlomiej Rokicki**, University of Warsaw
- *A "Race to the Bottom" of Minimum Wages within China*, **Yanan Li**, Cornell University; **Ravi Kanbur**, Cornell University; **Carl Lin**, Beijing Normal University
- *Minimum Wage and School Enrollment: New Evidence from County Pairs*, **Zheng Pan**, Northern Illinois University

Discussants:

Zheng Pan, Northern Illinois University
Bartlomiej Rokicki, University of Warsaw
Yanan Li, Cornell University

22. Regional Development I Thursday Nov 12 | 1:30 PM-3:30 PM | Directors Suite

Chair: Joaquim J. M. Guilhoto, FEA-USP

- *Knowledge Networks in Regional Development. An Agent Based Model and Its Application*, **Tamás Sebestyén**, University of Pécs; **Orsolya Hau-Horváth**, University of Pécs; **Attila Varga**, University of Pécs
- *The Regulatory-Spatial Dialectic: Evolving Form, Function, and Geography of the U.S. Monetary Financial System*, **David S. Bieri**, Virginia Tech
- *Eligibility Criteria of Brazilian Semi-Arid Municipalities: Impacts on Formal Employment and Income*, **Renata M. Caldas**, Federal University of Pernambuco; **Yony Sampaio**, Pimes - UFPE
- *The Importance of Defense and Security for the Brazilian Economy*, **Joaquim J. M. Guilhoto**, FEA-USP; **Paulo C. Morceiro**, University of São Paulo; **Milene S. Tessarin**, University of São Paulo

Discussants:

Joaquim J. M. Guilhoto, FEA-USP
Tamás Sebestyén, University of Pécs
David S. Bieri, Virginia Tech
Renata M. Caldas, Federal University of Pernambuco

23. Demographic Change: Geography and Labor Markets Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria I

Chair: Philip McCann, University of Groningen

- *Long Term Patterns of Regional Economic and Demographic Change*, **William Cochrane**, University of Waikato; **Matthew Roskrug**, University of Waikato
- *Regional and Demographic Differences in Unemployment Dynamics in Germany*, **Carsten Ochs**, University of Applied Labour Studies and University of Rostock
- *Economic and Demographic Development in German Cities*, **Florian W. Bartholomae**, Bundeswehr University Munich; **Alina M. Schoenberg**, Bundeswehr University Munich
- *EU Regions, Demographic Change and the Assymetric Impacts of Population Growth and Decline*, **Philip McCann**, University of Groningen; **Francesca Medda**; **Gianni Carbonaro**, European Investment Bank; **Gianni Carbonaro**, European Investment Bank

Discussants:

Philip McCann, University of Groningen
William Cochrane, University of Waikato
Carsten Ochs, University of Applied Labour Studies and University of Rostock
Florian W. Bartholomae, Bundeswehr University Munich

24. Neighborhood Redevelopment and Change I Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria II

Chair: Dusan J. C. Paredes, Universidad Catolica del Norte

- *Housing Markets Dynamics with Foreclosures*, **Xian Fang**, University of Illinois, Urbana-Champaign

- *The Long Run Effects of Zoning on Neighborhood Redevelopment*, **Weihua Zhao**, George Washington University
- *Right Place, Right Time: Exploring Government Intervention in an Urban Housing Market*, **Nicholas B. Irwin**, Ohio State University; **Elena G. Irwin**, Ohio State University
- *Does Tearing Down Dilapidated Housing Stock Increase Neighborhood Property Values? The Case of Detroit, Michigan*, **Dusan J. C. Paredes**, Universidad Catolica del Norte; **Mark Skidmore**, Michigan State University

Discussants:

Dusan J. C. Paredes, Universidad Catolica del Norte
Xian Fang, University of Illinois, Urbana-Champaign
Weihua Zhao, George Washington University
Nicholas B. Irwin, Ohio State University

25. Transportation and Land Use Thursday Nov 12 | 1:30 PM-3:30 PM | Galleria III

Chair: Parmanand Sinha, University of Tennessee

- *A Survey on the Calibration and Validation of Integrated Transportation and Land Use Models*, **Nicolas E. Coulombel**, Université Paris Est; **Peter Sturm**, INRIA
- *Impact of High Speed Rail Investment on Land Use, Social Change and Environment in China: A Dynamic CGE Analysis*, **Zhenhua Chen**, University of Southern California; **Junbo Xue**, China Academy of Science; **Adam Rose**, University of Southern California; **Kingsley Haynes**, George Mason University
- *Bikeable Communities, Bike-Transit Integration, and Property Values: A Case Study in Austin, Texas*, **Wei Li**, Texas A&M University; **Kenneth Joh**, Texas A&M University
- *Incorporating Sprawl and Adjacency Measures in Land Use Forecasting Model*, **Parmanand Sinha**, University of Tennessee

Discussants:

Parmanand Sinha, University of Tennessee
Nicolas E. Coulombel, Université Paris Est
Zhenhua Chen, University of Southern California
Wei Li, Texas A&M University

26. Local Public Finance Challenges Thursday Nov 12 | 1:30 PM-3:30 PM | Parlor C

Chair: Isabel Martinez, University of California, Berkeley

- *Organised Crime, Elections and Public Spending: Evidence from Southern Italy*, **Marco Di Cataldo**, London School of Economics; **Nicola Mastrorocco**, London School of Economics
- *Urban Development and Fiscal Sustainability: The Role of Sprawl and Growth in U.S. County Areas*, **Christopher B. Goodman**, University of Nebraska, Omaha
- *Investment Needs and Fiscal Scenarios in Cartagena, Colombia*, **Jaime Alfredo Bonet**, Banco de la Republica; **Yuri C. Reina**, Banco de la Republica
- *Beggar-Thy-Neighbour Tax Cuts: Mobility After a Local Income and Wealth Tax Reform in Switzerland*, **Isabel Martinez**, University of California, Berkeley

Discussants:

Isabel Martinez, University of California, Berkeley
Marco Di Cataldo, London School of Economics
Christopher B. Goodman, University of Nebraska, Omaha
Jaime Alfredo Bonet, Banco de la Republica

27. Population Distribution and Growth Thursday Nov 12 | 1:30 PM-3:30 PM | Senate Suite

Chair: Kyung-Min Nam, University of Hong Kong

- *Civil Conflict and Population Concentration*, **David Cuberes**, Clark University; **Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- *Population Growth in American Cities between 1990 and 2010: True Contagion and Urban Hierarchy*, **Elizabeth A. Dobis**, Purdue University; **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University; **Peter Mulder**, VU University Amsterdam
- *The Importance of Historical Linkages in Shaping Population Distribution Across Space*, **Rosella Nicolini**, Universitat Autònoma de Barcelona; **Ilenia Epifani**, Politecnico di Milano

- *Is the Spatial Distribution of China's Population Excessively Unequal?: A Cross-Country Comparison*, **Kyung-Min Nam**, University of Hong Kong

Discussants:

Kyung-Min Nam, University of Hong Kong
Rafael González-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
Elizabeth A. Dobis, Purdue University
Rosella Nicolini, Universitat Autònoma de Barcelona

28. Spatial Econometrics II Thursday Nov 12 | 1:30 PM-3:30 PM | Executive Suite

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

- *House Price Fluctuations and the Business Cycle Dynamics*, **Girum Abate**, Aarhus University; **Luc Anselin**, Arizona State University
- *A Spatio-Temporal Treatment Effects Analysis of the Impact of the Hardest Hit Funds (HHF) Blight Elimination Program on the Detroit Housing Market*, **Luc Anselin**, Arizona State University; **Nigel G. Griswold**, Dynamo Metrics LLC; **Benjamin Calnin**, Dynamo Metrics LLC
- *Spatio Temporal Data Mining for Climate Change and Impact: The Study at West Java, Indonesia*, **Eddy Hermawan**, LAPAN; **Atje Setiawan Abdulah**, Padjadjaran; **Budi Nurani**, Padjadjaran University; **I. Gede N. Mindra Jaya**, Padjadjaran University
- *Spatial Heterogeneity of Hedonic Housing Price in Beijing---A Geographically Weighted Regression Approach*, **Ziye Zhang**, Cornell University

Discussants:

Ziye Zhang, Cornell University
Girum Abate, Aarhus University
Luc Anselin, Arizona State University
Eddy Hermawan, LAPAN

29. Entrepreneurship in Regional Science I Thursday Nov 12 | 1:30 PM-3:30 PM | Parlor B

Organizers: Haifeng Qian, University of Iowa; **Elizabeth A. Mack**, Michigan State University

Chair: Haifeng Qian, University of Iowa

- *What Drives Environmental Entrepreneurship? The Role of Informal Institutions in the Sustainable Regional Economy*, **Maria Figueroa-Armijos**, George Mason University
- *Shale Revolution and Entrepreneurship: An Empirical Assessment of the Relationship Between Energy Sector Expansion and Self-Employment in U.S. Counties*, **Alexandra A. Tsvetkova**, Ohio State University; **Mark Partridge**, Ohio State University
- *How Long Do Our Ideas Stay Alive? Citation Distributions Over Time in Regional Science Compared to Other Disciplines*, **Harvey Goldstein**, MODUL University-Vienna; **Gunther Maier**, Vienna University of Economics and Business
- *Entrepreneurs and Internet Use*, **Elizabeth A. Mack**, Michigan State University

Discussants:

Elizabeth A. Mack, Michigan State University
Maria Figueroa-Armijos, George Mason University
Alexandra A. Tsvetkova, Ohio State University
Harvey Goldstein, MODUL University-Vienna

30. Regional/Rural Development II: Rural Innovation in the US: Preliminary Findings from a National Survey

Thursday Nov 12 | 1:30 PM-3:30 PM | Studio Suite

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

Chair: Timothy R. Wojan, USDA Economic Research Service

- *Toward a Reliable Measure of Substantive Innovation in Rural Areas: Hard Tests of the 2014 Rural Establishment Innovation Survey Latent Class Analysis*, **Timothy R. Wojan**, USDA Economic Research Service
- *Rural Business Financial Capital Use and Availability: The Nexus with Innovation*, **Anil Rupasingha**, USDA Economic Research Service; **Sarah Low**, USDA Economic Research Service; **John N. Tremper**, University of Minnesota

- *REIS and Rural Broadband Internet: A Preliminary Analysis*, **Peter Stenberg**, USDA Economic Research Service
- *Pre- and Post Recession Environments for Small Rural Manufacturing Plants*, **David McGranahan**, USDA Economic Research Service

Discussants:

Roberta Capello, Politecnico di Milano
Tessa Conroy, University of Wisconsin, Madison
Kathryn R. Dotzel, Ohio State University
David Freshwater, University of Kentucky

31. UEA 02A: Empirics of Agglomeration I Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway I

Chair: Jens Suedekum, Heinrich-Heine-University Düsseldorf

- *Commuting, Migration and Local Employment Elasticities*, **Ferdinando Monte**, Georgetown University; **Stephen James Redding**, Princeton University; **Esteban Rossi-Hansberg**, Princeton University
- *Coagglomeration Patterns and Functional Specialization in Canada*, **Kristian Behrens**, UQAM; **Rachel Guillain**, Université de Bourgogne
- *Why Does Birthplace Matter So Much? Sorting, Learning and Geography*, **Henry G. Overman**, London School of Economics; **Clement Bosquet**, University of Cergy-Pontoise
- *Adjusting to Globalization: Evidence from Heterogeneous Worker-Establishment Matches in Germany*, **Jens Suedekum**, Heinrich-Heine-University Düsseldorf; **Wolfgang Dauth**, IAB and University of Wuerzburg; **Sebastian Findeisen**, University of Mannheim

Discussants:

Jens Suedekum, Heinrich-Heine-University Düsseldorf
Ferdinando Monte, Georgetown University
Kristian Behrens, UQAM
Henry G. Overman, London School of Economics

32. UEA 02B: Sorting and Neighborhoods Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway II

Chair: Andrea Craig, Queen's University

- *A Field Study of Rental Market Discrimination Across Origins in France*, **Arthur Acolin**, University of Southern California; **Gary Dean Painter**, University of Southern California; **Raphael Bostic**, University of Southern California
- *Rent Control and Evictions: Evidence from San Francisco*, **Brian James Asquith**, University of California - Irvine
- *Social Stratification in the City*, **Fabien Moizeau**, CREM, University of Rennes 1
- *Neighbourhood Sorting and Commuting Choices*, **Alex Chernoff**, Queen's University; **Andrea Craig**, Queen's University; **Huw Lloyd-Ellis**, Queen's University

Discussants:

Andrea Craig, Queen's University
Gary Dean Painter, University of Southern California
Brian James Asquith, University of California - Irvine
Fabien Moizeau, CREM, University of Rennes 1

33. UEA 02C: Impacts of Local Environments Thursday Nov 12 | 1:30 PM-3:30 PM | Broadway III

Chair: Jessica Burley, University of Toronto

- *The Spatial Returns to Education: Does Where You Come from and Where You Go Matter?*, **Lina Ahlin**, Lund University
- *Is the Rent Too High? Aggregate Implications of Local Land Use Regulation*, **Devin Bunten**, University of California - Los Angeles
- *Are Enterprise Zones Benefits Capitalized into Commercial Property Values? The French case.*, **Mathilde Poulhes**, CREST-SciencesPo
- *The Built Environment and Social Interactions: Evidence from Panel Data*, **Jessica Burley**, University of Toronto

Discussants:

Jessica Burley, University of Toronto
Lina Ahlin, Lund University

Devin Bunten, University of California - Los Angeles
Mathilde Poulhes, CREST-SciencesPo

2:30 PM-4:00 PM

Regional Science Academy Planning Session (Invitation Only) Thursday Nov 12 | 2:30 PM-4:00 PM | Forum Suite

3:30 PM-4:00 PM

Coffee Break Thursday Nov 12 | 3:30 PM-4:00 PM | Grand Ballroom Foyer

4:00 PM-6:00 PM

Alonso Prize Committee Meeting (Invitation Only) Thursday Nov 12 | 4:00 PM-6:00 PM | Forum Suite

34. Input-Output: Methods Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway IV

Chair: Peter Jarosi, University of Pecs

- *Total Factor Productivity in Chile: Econometrics versus Input-Output Model Approach*, **Nicolas Garrido**, Diego Portales University; **Patricio Aroca**, Universidad Adolfo Ibanez
- *Refining Trade and Transport Costs in SCGE Models: An Alternative Model and Its SAM-Based Calibration*, **Tamás Sebestyén**, University of Pécs
- *The Regional Economic Accounting Tool: Incorporating Resilience*, **Braeton J. Smith**, Sandia National Laboratories; **Vanessa N. Vargas**, Sandia National Laboratories; **Bern Caudill Dealy**, University of New Mexico
- *An Alternative Approach for Solving Large Size Multiregional CGE Models: An Example for a Special Case*, **Randall W. Jackson**, West Virginia University; **Peter Jarosi**, University of Pecs; **Attila Varga**, University of Pécs

Discussants:

Peter Jarosi, University of Pecs
Nicolas Garrido, Diego Portales University
Tamás Sebestyén, University of Pécs
Braeton J. Smith, Sandia National Laboratories

35. Modeling Environmental Issues III Thursday Nov 12 | 4:00 PM-6:00 PM | Cabinet Suite

Chair: Jean-Claude F. Thill, University of North Carolina, Charlotte

- *Evaluating Environmental and Economic Impact of Carbon Credit in Makassar City in Indonesia*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Takahide Fukuda**, Toyohashi University of Technology
- *Optimum Structure and Equity in a City with Local Traffic-Induced Air Pollution*, **Mirjam Schindler**, University of Luxembourg
- *Climate Change and Future Water Scarcity in Western Oregon: Examining Spatial and Temporal Influences in a Coupled Human-Natural System Model*, **William K. Jaeger**, Oregon State University; **Andrew Plantinga**, University of California, Santa Barbara
- *CO2 Emissions Embodied in Trade and Urban Regional Climate Policy-Making: Case Study of Shanghai*, **Zhangqi Zhong**, East China Normal University; **Jean-Claude F. Thill**, University of North Carolina, Charlotte; **Yi Sun**, Institute of Policy and Management; **Zheng Wang**, Institute of Policy and Management

Discussants:

Jean-Claude F. Thill, University of North Carolina, Charlotte
Yuzuru Miyata, Toyohashi University of Technology
Mirjam Schindler, University of Luxembourg
William K. Jaeger, Oregon State University

36. Firm Formation and Location Thursday Nov 12 | 4:00 PM-6:00 PM | Council Suite

Chair: Isabelle M. Nilsson, University of North Carolina, Charlotte

- *Markov-Chain Approaches to Modeling the Dynamics of Firm Location and Formation in the United States*, **Francisco Scott**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *Market Potential and the Location of French Firms in Africa*, **Baraka Nafari**, University of Johannesburg; **Alain Pholo Bala**, University of Johannesburg; **Michel Tenikue**, Liser, Luxembourg
- *The Importance of Quality of Life in Brewery Location Decisions*, **Katherine Nesse**, Kansas State University; **Timothy Green**, Clemson University; **Brooke Ferguson**,
- *The Effect of Zoning on the Relative Location of Competing Retail Outlets*, **Isabelle M. Nilsson**, University of North Carolina, Charlotte; **Oleg A. Smirnov**, University of Toledo

Discussants:

Isabelle M. Nilsson, University of North Carolina, Charlotte

Francisco Scott, Purdue University

Alain Pholo Bala, University of Johannesburg

Katherine Nesse, Kansas State University

37. Regional Development II Thursday Nov 12 | 4:00 PM-6:00 PM | Directors Suite

Chair: Matthias Firgo, Austrian Institute of Economic Research (WIFO)

- *(Un)Related Variety and Regional Development in Austria -- Which Economic Structure Optimizes Employment Growth?*, **Matthias Firgo**, Austrian Institute of Economic Research (WIFO); **Peter Mayerhofer**, Austrian Institute of Economic Research (WIFO)
- *Ethnicity, Institutions, and Regional Favoritism: A Quantitative Analysis*, **Sidney Turner**, Fors Marsh Group LLC; **Uma Kelekar**,
- *Innovating in the Periphery: Comparing Canada, Europe and the United States*, **Andrés Rodríguez-Pose**, London School of Economics; **Callum Wilkie**, London School of Economics
- *Regional Competitiveness: Connecting an Old Concept with New Goals*, **Karl Aiginger**, Austrian Institute of Economic Research (WIFO); **Matthias Firgo**, Austrian Institute of Economic Research (WIFO)

Discussants:

Sidney Turner, Fors Marsh Group LLC

Matthias Firgo, Austrian Institute of Economic Research (WIFO)

Matthias Firgo, Austrian Institute of Economic Research (WIFO)

Andrés Rodríguez-Pose, London School of Economics

38. Migration and Human Capital Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria I

Chair: Martin Korpi, Ratio Institute

- *Graduate Migration in Canada*, **Bruce Newbold**, McMaster University
- *Going With the Flow: The State-to-State Migration Behavior of College-Bound Students in the United States*, **Rachel S. Franklin**, Brown University; **Alessandra Faggian**, Ohio State University
- *Does Migration Alleviate Education-Job Mismatching?*, **Lina Ahlin**, Lund University
- *Internal Migration and Human Capital Theory: To What Extent Is It Selective?*, **Martin Korpi**, Ratio Institute; **William A.V. Clark**, University of California, Los Angeles

Discussants:

Martin Korpi, Ratio Institute

Bruce Newbold, McMaster University

Rachel S. Franklin, Brown University

Lina Ahlin, Lund University

39. Neighborhood Redevelopment and Change II Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria II

Chair: Nikhil Jha, University of Melbourne

- *How the Cookie Crumbles: An Investigation into Post-War Neighborhood Decline*, **Lyndsey Anne Rolheiser**, Massachusetts Institute of Technology
- *Urban Renewal, Residential Mobility and Location Choice as the Product of Housing Displacement: An Ex-ante Analysis*, **Esteban Lopez**, University of Illinois, Urbana-Champaign
- *Survival Analysis of Foreclosure Neighborhood Impact*, **Lei Zhang**, North Dakota State University; **Tammy Leonard**, University of Dallas; **Resha Dias**, North Dakota State University

- *Neighborhood Price Externalities of Foreclosure Rehabilitation: An Examination of the Neighborhood Stabilization Program*, **Nikhil Jha**, University of Melbourne; **Tammy Leonard**, University of Dallas; **Lei Zhang**, North Dakota State University

Discussants:

Nikhil Jha, University of Melbourne
Lyndsey Anne Rolheiser, Massachusetts Institute of Technology
Esteban Lopez, University of Illinois, Urbana-Champaign
Lei Zhang, North Dakota State University

40. Transportation Networks Thursday Nov 12 | 4:00 PM-6:00 PM | Galleria III

Chair: Jiyoung Park, University at Buffalo, SUNY

- *Mathematical Structures for Analyzing Rapid Transit Networks*, **Juan A. Mesa**, University of Seville; **Eva Barrena**, University of Leeds; **Alicia De-Los-Santos**, University of Seville; **Federico Perea**, Polytechnical University of Valencia
- *Consideration of Procurement Alternatives in Network Design Problems: Genetic Algorithm Approach to Model Highway Public-Private Partnerships*, **Nobuhiko Daito**, George Mason University; **Jonathan L. Gifford**, George Mason University; **Shanjiang Zhu**, George Mason University
- *Ex ante Assessment of the Effects on Road Network Connectivity and Regional Disparities of New Road Infrastructure Projects in Antioquia, Colombia Through Network Connectivity Measures*, **Osmar Leandro Loaiza Quintero**,
- *Visualizing Trade Hubs in Freight Networks Using Border Crossings Between the U.S. and Canada*, **Jiyoung Park**, University at Buffalo, SUNY; **Ha Hwang**, University at Buffalo, SUNY; **Amirhossein Shahabnia**, University at Buffalo, SUNY

Discussants:

Jiyoung Park, University at Buffalo, SUNY
Juan A. Mesa, University of Seville
Nobuhiko Daito, George Mason University
Osmar Leandro Loaiza Quintero,

41. Local Fiscal Issues Thursday Nov 12 | 4:00 PM-6:00 PM | Parlor C

Chair: William Orlando Prieto, Catholic University of Colombia

- *The Political Economy of Underfunded Municipal Pension Plans*, **Jeffrey Brinkman**, Federal Reserve Bank of Philadelphia; **Daniele Coen-Pirani**, University of Pittsburgh; **Holger Sieg**, University of Pennsylvania
- *Inter-Local Fiscal Disparities: Evidence from Connecticut Municipalities*, **Bo Zhao**, Federal Reserve Bank of Boston
- *Is the Government Fiscally Blind? An Empirical Examination of the Effect of the Compensation Requirement on Eminent Domain Exercises*, **Ronit Levine-Schnur**, University of Toronto; **Gideon Parchomovsky**, University of Pennsylvania
- *Political Decentralization and Citizen Perceptions of Quality Service as Determinants of the Technical Efficiency of Local Public Sector Efficiency in Colombia*, **William Orlando Prieto**, Catholic University of Colombia; **Andres Cendales**, Catholic University of Colombia; **Jhon James Mora**; **Jorge Olaya**,

Discussants:

William Orlando Prieto, Catholic University of Colombia
Jeffrey Brinkman, Federal Reserve Bank of Philadelphia
Bo Zhao, Federal Reserve Bank of Boston
Ronit Levine-Schnur, University of Toronto

42. Energy Economics and Policy Thursday Nov 12 | 4:00 PM-6:00 PM | Senate Suite

Chair: Budy P. Resosudarmo, Australian National University

- *Economics of Modern Energy Boomtowns*, **Alexandra A. Tsvetkova**, Ohio State University; **Mark Partridge**, Ohio State University
- *How Does Shale Oil and Gas Development Change Local Economies?*, **Heather Stephens**, West Virginia University; **Amanda L. Weinstein**, University of Akron

- *The Effects of the Natural Gas and Oil Boom on U.S. Counties Water Use*, **Minhong Xu**, University of Illinois, Urbana-Champaign; **Yilan Xu**, University of Illinois, Urbana-Champaign; **Madhu Khanna**, University of Illinois, Urbana-Champaign
- *Energy Policy Reform within the ASEAN Economic Community*, **Budy P. Resosudarmo**, Australian National University; **Ditya A. Nurdianto**, Indonesian Ministry of Foreign Affairs

Discussants:

Budy P. Resosudarmo, Australian National University
Alexandra A. Tsvetkova, Ohio State University
Heather Stephens, West Virginia University
Minhong Xu, University of Illinois, Urbana-Champaign

43. Entrepreneurship in Regional Science II Thursday Nov 12 | 4:00 PM-6:00 PM | Parlor B

Organizers: **Elizabeth A. Mack**, Michigan State University; **Haifeng Qian**, University of Iowa

Chair: **Elizabeth A. Mack**, Michigan State University

- *The Location of New Firms: Influence of Commuting Behaviour*, **Charlie Karlsson**, Jönköping International Business School; **Mikaela Backman**, Jönköping International Business School
- *Transit-Oriented Economic Development: The Impact of Light Rail on New Business Starts in the Phoenix, Arizona Region*, **Kevin Credit**, Michigan State University
- *Metropolitan Entrepreneurial Structure*, **Haifeng Qian**, University of Iowa
- *Related Variety in United States Invention: Technological, Locational, and Spatial Associations*, **Brendan O hUallachain**, Arizona State University; **Kevin Kane**, University of California, Irvine

Discussants:

Brendan O hUallachain, Arizona State University
Charlie Karlsson, Jönköping International Business School
Kevin Credit, Michigan State University
Haifeng Qian, University of Iowa

44. Regional/Rural Development III: Race, Gender, and Entrepreneurship Thursday Nov 12 | 4:00 PM-6:00 PM | Studio Suite

Organizers: **Tessa Conroy**, University of Wisconsin, Madison; **Sarah Low**, USDA Economic Research Service; **Stephan Weiler**, Colorado State University

Chair: **Stephan Weiler**, Colorado State University

- *Economic Freedom and Racial Differences in Entrepreneurship: Evidence Across US States*, **Amanda Ross**, West Virginia University; **John Deskins**, West Virginia University
- *It's Who and What You Know: Women Entrepreneurs, Information Asymmetries, and Regional Economic Growth*, **Tessa Conroy**, University of Wisconsin, Madison; **Stephan Weiler**, Colorado State University
- *Women Business Owners: A Source of Stability During the Great Recession?*, **Steve Deller**, University of Wisconsin, Madison; **Tessa Conroy**, University of Wisconsin, Madison

Discussants:

Tessa Conroy, University of Wisconsin, Madison
John Pender, USDA Economic Research Service
Amanda Ross, West Virginia University

45. Spatial Econometrics III Thursday Nov 12 | 4:00 PM-6:00 PM | Executive Suite

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

- *The Association Between Public Transportation Infrastructure and Home Price Growth and Stability*, **Gregory S. Macfarlane**, Parsons Brinckerhoff; **Juan Moreno-Cruz**, Georgia Institute of Technology
- *The role of the spatial externalities of irrigation on corn production: empirical evidence on the US Corn Belt counties*, **Dongwoo Kang**, University of Arizona; **Sandy Dall Erba**, University of Illinois
- *Bayesian Spatio-Temporal Modeling and Mapping of Dengue Fever: The Case of the City of Bandung, Indonesia*, **I. Gede N. Mindra Jaya**, Padjadjaran University; **Henk Folmer**, University of Groningen; **Budi Nurani**, Padjadjaran University
- *When SL Equals SLX, and When It Doesn't*, **Oleg A. Smirnov**, University of Toledo

Discussants:

Oleg A. Smirnov, University of Toledo
Gregory S. Macfarlane, Parsons Brinckerhoff
Sandy Dall Erba, University of Illinois
Henk Folmer, University of Groningen

46. UEA 03A: Dynamic Choices and Housing Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway I

Chair: Alex Anas, SUNY-Buffalo

- *Family Location Choices and Child Development*, **Morris Davis**, Rutgers University; **Jesse Gregory**, University of Wisconsin - Madison; **Daniel Hartley**, Federal Reserve Bank of Cleveland; **Kegon TK Tan**, University of Wisconsin - Madison
- *Valuing Time-Varying Attributes Using the Hedonic Model: When Is a Dynamic Approach Necessary?*, **Kelly Bishop**; **Alvin Murphy**, Arizona State University
- *Homeowner Borrowing and Housing Collateral: New Evidence from Expiring Price Controls*, **Anthony DeFusco**, Northwestern University
- *Rationality and Exuberance in Land Prices and the Supply of New Housing*, **Alex Anas**, SUNY-Buffalo; **Debarshi Indra**, University of California, Riverside

Discussants:

Alex Anas, SUNY-Buffalo
Morris Davis, Rutgers University
Alvin Murphy, Arizona State University
Anthony DeFusco, Northwestern University

47. UEA 03B: Neighborhood Composition Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway II

Chair: Jenny Schuetz, Board of Governors of the FRS

- *The Formation and Dynamics of Ethnic Neighborhoods*, **Sanghoon Lee**, University of British Columbia; **Nathan Mudrick Schiff**, Shanghai University of Finance and Economics; **Tianran Dai**, Shanghai University of Finance and Economics
- *Racial Sorting and the Emergence of Segregation in American Cities*, **Allison Shertzer**, University of Pittsburgh; **Randall Phillip Walsh**, University of Pittsburgh
- *The Causes and Consequences of Gentrification and Neighborhood Change in U.S. Cities 1980-2010*, **Nathaniel Baum-Snow**, Brown University; **Daniel Hartley**, Federal Reserve Bank of Cleveland
- *Who Thinks "The Rent is Too Damn High"? The Relationship Between Local Affordability, Housing Choices and Preferences*, **Jeff Larrimore**, Board of Governors of the FRS; **Jenny Schuetz**, Board of Governors of the FRS

Discussants:

Jenny Schuetz, Board of Governors of the FRS
Nathan Mudrick Schiff, Shanghai University of Finance and Economics
Randall Phillip Walsh, University of Pittsburgh
Daniel Hartley, Federal Reserve Bank of Cleveland

48. UEA 03C: Local Labor Markets I Thursday Nov 12 | 4:00 PM-6:00 PM | Broadway III

Chair: Joerg Rolf Stahl, Pompeu Fabra University

- *Turnover and Churning in Thick Labor Markets*, **Stefan Leknes**, Norwegian University of Science and Technology
- *The Role of Local Economies' Industrial Composition in the Careers of Displaced Workers*, **Frank Neffke**, Harvard University; **Anne Otto**, IAB Institute for Employment Research; **César Hidalgo**, MIT
- *The Impact of Market Size on Firm Organization*, **Grigorios Spanos**, Aix-Marseille School of Economics
- *Capital Gain: The Returns to Locating in the Capital City*, **Joerg Rolf Stahl**, Pompeu Fabra University

Discussants:

Joerg Rolf Stahl, Pompeu Fabra University
Stefan Leknes, Norwegian University of Science and Technology
Frank Neffke, Harvard University
Grigorios Spanos, Aix-Marseille School of Economics

6:30 PM-9:30 PM

Thursday Evening Reception Boat Cruise on the Portland Spirit (See program insert and email instructions for details) *Thursday Nov 12 | 6:30 PM-9:30 PM | Location TBA*

Friday, 13 November 2015

7:30 AM-5:30 PM

Registration and Exhibits *Friday Nov 13 | 7:30 AM-5:30 PM | Grand Ballroom Foyer*

8:00 AM-10:00 AM

Journal of Regional Science Editorial Board Meeting (Invitation Only) *Friday Nov 13 | 8:00 AM-10:00 AM | Forum Suite*

49. Urban Economic Theory I *Friday Nov 13 | 8:00 AM-10:00 AM | Broadway IV*

Chair: John R. Miron, University of Toronto

- *A Model of Referendum*, **Kuninori Nakagawa**, Shizuoka University
- *Preferences, Co-Production Externalities, and Club-Splitting*, **Eric J. Heikkila**, University of Southern California; **Yinqi Zhang**, University of Southern California
- *The Sources of Sharing Externalities: Specialization versus Competition*, **Philip Ushchev**, Higher School of Economics; **Alberto Bucci**, University of Milan
- *The State, the City, and the Market Economy*, **John R. Miron**, University of Toronto

Discussants:

John R. Miron, University of Toronto

Kuninori Nakagawa, Shizuoka University

Eric J. Heikkila, University of Southern California

Philip Ushchev, Higher School of Economics

50. Analysis of Environmental Issues *Friday Nov 13 | 8:00 AM-10:00 AM | Cabinet Suite*

Chair: Felix Haifeng Liao, University of Idaho

- *The E-Waste Spatial Development Process and its Environmental Hazard under Grey Industrial Economic : A Case Study of "Town G", Guangdong Province, Mainland China*, **Chi-tung Hung**, Ming Chuan University; **Wen-Yen Lin**, Ming Chuan University; **Yi Su**, Ming Chuan University
- *Air Quality and the Development of Los Angeles*, **Miles M. Finney**, California State University, Los Angeles
- *Dilemma Between Proper Treatment of Waste*, **Masashi Yamamoto**, University of Toyama
- *The Spatial Heterogeneity of Water Quality Benefits in Urban Housing Markets: Evidence from Coeur d'Alene, Idaho*, **Felix Haifeng Liao**, University of Idaho

Discussants:

Felix Haifeng Liao, University of Idaho

Chi-tung Hung, Ming Chuan University

Miles M. Finney, California State University, Los Angeles

Masashi Yamamoto, University of Toyama

51. FDI and Multinationals *Friday Nov 13 | 8:00 AM-10:00 AM | Council Suite*

Chair: Michael Moritz, Institute for Employment Research (IAB)

- *Trade Integration, Welfare and Horizontal Multinationals: A Three-Country Model*, **Fabio Cerina**, University of Cagliari; **Tadashi Morita**, Kindai University; **Kazuhiro Yamamoto**, Osaka University
- *Are Spillovers from FDI Different?*, **Michiel Gerritse**, University of Groningen
- *Impact of Supply Chain Network Structure on FDI: Theory and Evidence*, **Ryo Itoh**, Tohoku University; **Kentaro Nakajima**, Tohoku University

- *Size of FDI and Firm Characteristics: Evidence from a Survey on German Multinational Activity in the Czech Republic*, **Michael Moritz**, Institute for Employment Research (IAB); **Veronika Hecht**, Institute for Employment Research (IAB); **Patricia Noska**, Ludwig Maximilian University of Munich; **Johannes Schäffler**,

Discussants:

Michael Moritz, Institute for Employment Research (IAB)
Tadashi Morita, Kindai University
Michiel Gerritse, University of Groningen
Kentaro Nakajima, Tohoku University

52. Regional Policy I Friday Nov 13 | 8:00 AM-10:00 AM | Directors Suite

Chair: John Connaughton, University of North Carolina, Charlotte

- *The Evaluation of China's Regional Policy*, **Yanzhen Wang**, Northeast Normal University; **Xiumin Li**, Northeast Normal University
- *Technical and Vocational Education and Training in Brazil: Its Role as an Educational and Regional Policy*, **Flavia Chein**, Federal University of Juiz de Fora; **Antônio José Negreiros Araújo**, Federal University of Juiz de Fora; **Cristine Campos de Xavier Pinto**,
- *Impact Evaluation of Investments in the Appalachian Region: A Reappraisal*, **Juan Tomas Sayago-Gomez**, West Virginia University; **Randall W. Jackson**, West Virginia University; **Donald Lacombe**, West Virginia University; **Gianfranco Piras**, Catholic University of America
- *Regional Implications of the Shift in Manufacturing Jobs and Incomes*, **John Connaughton**, University of North Carolina, Charlotte; **Caroline Swartz**, University of North Carolina, Charlotte; **Richard Cebula**, Jacksonville University

Discussants:

John Connaughton, University of North Carolina, Charlotte
Xiumin Li, Northeast Normal University
Flavia Chein, Federal University of Juiz de Fora
Juan Tomas Sayago-Gomez, West Virginia University

53. Human Capital and Skills Acquisition Friday Nov 13 | 8:00 AM-10:00 AM | Galleria I

Chair: Christine Singer

- *The Labor Share---A Genome of Footloose Capital Models*, **Han Liang**; **Dao-Zhi Zeng**, Tohoku University
- *Smooth Transitions? Comparing Career Pathways of Secondary Education School Leavers with General and Vocational Education*, **Marten Middeldorp**, University of Groningen; **Arjen Edzes**, University of Groningen; **Jouke van Dijk**, University of Groningen
- *The Transition from Employment to Self-Employment: A Microdata Assessment of the Relationship Between Education and Start-Up Propensity Across Occupations*, **Johan Klaesson**, Jönköping International Business School; **Johan Larsson**, Jönköping International Business School
- *Peer Effects and Scholastic Achievement: Spatial Models Estimates Using the Student Friendship Network at Classroom Level*, **Isabel Raposo**, Joaquim Nabuco Foundation; **Ricardo Carvalho**, Federal University of Pernambuco
- *Do Low-Skilled Workers Benefit from Further Training Subsidies?*, **Christine Singer**

Discussants:

Christine Singer
Dao-Zhi Zeng, Tohoku University
Marten Middeldorp, University of Groningen
Johan Klaesson, Jönköping International Business School
Isabel Raposo, Joaquim Nabuco Foundation

54. Modeling House Values I Friday Nov 13 | 8:00 AM-10:00 AM | Galleria II

Chair: Jeffrey Zabel, Tufts University

- *Housing Price Index Movements Across U.S. Cities*, **Dan Gerlowski**, University of Baltimore; **Ting Zhang**, University of Baltimore; **Dong Chen**, University of Baltimore
- *Constructing a Hedonic Residential Land Price Index for Israel*, **Doron Sayag**, Israel Central Bureau of Statistics; **Weitzman Nagar**, Bank of Israel

- *Integrating Interviews into a Spatial Agent-Based Model of Housing Price Dynamics in Beijing*, **Ziye Zhang**, Cornell University; **Yuri Surtadi Mansury**, Cornell University
- *Local House Price Diffusion*, **Jeffrey Zabel**, Tufts University; **Jeffrey Cohen**, University of Connecticut

Discussants:

Jeffrey Zabel, Tufts University
Dan Gerlowski, University of Baltimore
Weitzman Nagar, Bank of Israel
Ziye Zhang, Cornell University

55. Congestion and Congestion Pricing Friday Nov 13 | 8:00 AM-10:00 AM | Galleria III

Chair: Ahmad Mohassel, University of Arizona

- *Congestion by Accident? A Two-Way Relationship for Highways in England*, **Ilias Pasidis**, University of Barcelona
- *Congestion Pricing Impact Analysis: Advancing a Methodological Approach*, **Arash Beheshtian**, Cornell University; **Omid M. Rouhani**, Cornell University
- *Traffic Demand Elasticity of Toll Pricing for Freight Transportation: Estimation Based on an Empirical Study by the Random Coefficient Ordered Probit Model*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute
- *The Effect of Highway Construction Projects on Congestion: Evidence from California Department of Transportation*, **Ahmad Mohassel**, University of Arizona

Discussants:

Ahmad Mohassel, University of Arizona
Ilias Pasidis, University of Barcelona
Arash Beheshtian, Cornell University
Dapeng Zhang, Rensselaer Polytechnic Institute

56. Geocomputation I Friday Nov 13 | 8:00 AM-10:00 AM | Parlor B

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

Chair: Daniel A. Griffith, University of Texas, Dallas

- *Market Entry and Effects of Government Support: U.S. Geospatial Evidence from New-Energy Vehicles*, **Kuming Chang**, Cornell University
- *GeoDa Web -- Enhancing Web-Based Mapping with Spatial Analytics*, **Xun Li**, Arizona State University; **Luc Anselin**, Arizona State University; **Julia Koschinsky**, Arizona State University
- *Comprehensive Multimodal Performance Measure of Transportation and Land Use Systems: Application of Transportation Cost Index in Portland, Oregon*, **Liming Wang**, Portland State University; **Huajie Yang**, Portland State University; **Jenny Liu**, Portland State University; **Brian Gregor**, Oregon Analytics; **Bud Reiff**, Metro Regional Government

Discussant:

Daniel A. Griffith, University of Texas, Dallas

57. Taxes and Expenditures Friday Nov 13 | 8:00 AM-10:00 AM | Parlor C

Chair: Nathaly M. Rivera Casanoba, Michigan State University

- *Willingness to Pay for Property Tax in Shanghai, China*, **Huiping Li**, Shanghai University of Finance and Economics (SHUFE); **Yilin Hou**; **Zhongwei Deng**, Shanghai Finance University
- *Tax and Expenditure Limitations and Local Government Structure: Special Districts*, **Judith I. Stallmann**, University of Missouri; **Steve Deller**, University of Wisconsin, Madison; **Craig S. Maher**, University of Nebraska, Omaha
- *Tax Competition and Federal Equalization Schemes with Decentralized Leadership*, **Emilson Caputo Delfino Silva**, University of Alberta
- *Marginal Benefits of the Mining Property Tax on Local Public Expenditures in Chile*, **Nathaly M. Rivera Casanoba**, Michigan State University; **Dusan J. C. Paredes**, Universidad Catolica del Norte

Discussants:

Nathaly M. Rivera Casanoba, Michigan State University
Huiping Li, Shanghai University of Finance and Economics (SHUFE)
Judith I. Stallmann, University of Missouri
Emilson Caputo Delfino Silva, University of Alberta

58. Disaster Risk and Resilience Friday Nov 13 | 8:00 AM-10:00 AM | Senate Suite

Chair: Christopher B. Goodman, University of Nebraska, Omaha

- *Social Capital and Efficiency of Earthquake Waste Management in Japan*, **Kiyomi Kawamoto**, Hokkaido University of Education
- *Future Landuse Scenarios for Climate Change Adaptation and Mitigation: A Case Study in Tokyo Metropolitan Area*, **Yoshiki Yamagata**, National Institute for Environmental Studies; **Daisuke Murakami**, National Institute for Environmental Studies; **Hajime Seya**, Hiroshima University
- *Community Resilience, Natural Disaster Risk, and Global Climate Change: Spatio-Temporal Vulnerability and Resiliency in the U.S. Mississippi River Basin*, **Hyun Kim**, University of Wisconsin, Madison
- *The Effect of Suburbanization on Significant Tornado Impacts*, **Christopher B. Goodman**, University of Nebraska, Omaha

Discussants:

Christopher B. Goodman, University of Nebraska, Omaha
Kiyomi Kawamoto, Hokkaido University of Education
Yoshiki Yamagata, National Institute for Environmental Studies
Hyun Kim, University of Wisconsin, Madison

59. Spatial Econometrics IV Friday Nov 13 | 8:00 AM-10:00 AM | Executive Suite

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

- *Difference-in-Difference Regression with Spatial Data*, **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *The Longitudinal Effects of Neighborhood Disadvantage on the Political Participation of Young Adults: Can Peer Groups Mitigate the Impact?*, **Gbenga Ajilore**, University of Toledo; **Gayle Alberda**, Drake University
- *Parcel-Level Land Development Dynamics: A Spatial and Temporal Autologistic Model*, **Emre Tepe**, Ohio State University; **Jean-Michel Guldmann**, Ohio State University

Discussants:

Emre Tepe, Ohio State University
Raymond J. G. M. Florax, Purdue University
Gbenga Ajilore, University of Toledo

60. Regional/Rural Development IV: Human Capital and Policy Friday Nov 13 | 8:00 AM-10:00 AM | Studio Suite

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

Chair: Eric Thompson, University of Nebraska, Lincoln

- *Economic Impacts of the Supplemental Nutrition Assistance Program in Nonmetro vs. Metro Counties*, **John Pender**, USDA Economic Research Service
- *Sources of Active Job Search Among the Employed: Implications for the Skills Gap*, **Eric Thompson**, University of Nebraska, Lincoln
- *Reducing Poverty Rates in Nonmetropolitan Counties with Low Human Capital: Is Employment Growth Effective?*, **Alexander Marre**, USDA Economic Research Service

Discussants:

David Mushinski, Colorado State University
Timothy R. Wojan, USDA Economic Research Service
Eric Thompson, University of Nebraska, Lincoln

61. UEA 04A: Systems of Cities II Friday Nov 13 | 8:00 AM-10:00 AM | Broadway I

Chair: Klaus Desmet, Southern Methodist University

- *Market Size and Productivity: Evidence of Chinese Cities*, **Yi Niu**, Capital University of Economics and Business; **Chengri Ding**, University of Maryland - College Park

- *History and the Sizes of Cities: A Structural, Partial-Identification Approach to Path Dependence*, **Jeffrey Lin**, Federal Reserve Bank of Philadelphia; **Hoyt Bleakley**, University of Michigan
- *Trade and Inequality in the Spatial Economy*, **David Carson Jinkins**, Copenhagen Business School; **Farid Farrokhi**, Pennsylvania State University
- *The Great Divergence: Guilds and Spatial Competition in England and China*, **Klaus Desmet**, Southern Methodist University; **Avner Greif**, Stanford University; **Stephen L. Parente**, University of Illinois

Discussants:

Klaus Desmet, Southern Methodist University
Yi Niu, Capital University of Economics and Business
Jeffrey Lin, Federal Reserve Bank of Philadelphia
Klaus Desmet, Southern Methodist University

62. UEA 04B: Homeownership I Friday Nov 13 | 8:00 AM-10:00 AM | Broadway II

Chair: Jonathan Halket, University of Essex

- *Urbanization and Property Rights*, **Yongyang Cai**, Hoover Institution, Stanford University and Becker-Friedman Institute, University of Chicago; **Harris Selod**, World Bank; **Jevgenijs Steinbuks**, The World Bank, Development Research Group
- *Should We Be Taxed Out of Our Homes? The Optimal Taxation of Housing Consumption*, **David Albouy**, University of Illinois, Urbana-Champaign
- *The Effect of Home Ownership on Job Matching Quality*, **Xi Yang**, University of Southern California
- *A Selection Model of Hedonic House Values and Rents*, **Jonathan Halket**, University of Essex

Discussants:

Jonathan Halket, University of Essex
Harris Selod, World Bank
David Albouy, University of Illinois, Urbana-Champaign
Xi Yang, University of Southern California

63. UEA 04C: Urban Transportation Empirics Friday Nov 13 | 8:00 AM-10:00 AM | Broadway III

Chair: Ismir Mulalic, Technical University of Denmark

- *Is Highway Access Good for Your Tax Base?*, **Raphael Parchet**, University of Lugano; **Stephan Fretz**, McKinsey&Company
- *From Periphery to Core: Measuring Agglomeration Effects Using High-Speed Rail*, **Gabriel Ahlfeldt**, London School of Economics; **Arne Feddersen**, University of Southern Denmark
- *Estimating the Impact of High-Speed Rail on Economic Geography: Quasi-Experimental Evidence from Japan*, **Zhigang Li**, Asian Development Bank; **Hangtian Xu**, Hunan University
- *Public Transport and Car Ownership: Evidence from the Copenhagen Metropolitan Area*, **Ismir Mulalic**, Technical University of Denmark; **Jan Rouwendal**, Free University, Amsterdam; **Ninette Pilegaard**, Technical University of Denmark

Discussants:

Ismir Mulalic, Technical University of Denmark
Raphael Parchet, University of Lugano
Gabriel Ahlfeldt, London School of Economics
Zhigang Li, Asian Development Bank

10:00 AM-10:30 AM

Coffee Break Friday Nov 13 | 10:00 AM-10:30 AM | Grand Ballroom Foyer

10:30 AM-12:30 PM

RSAI Council Meeting (Invitation Only) Friday Nov 13 | 10:30 AM-12:30 PM | Forum Suite

64. Urban Economic Theory II Friday Nov 13 | 10:30 AM-12:30 PM | Broadway IV

Chair: Jan Brueckner, University of California, Irvine

- *Relationship Between Urban Population Growth and Utility Level of Workers with Heterogeneity of Labor Efficiency*, **Mitsuru Ota**, University of Tsukuba
- *A Typology of Urban Centers and Subcenters in German City Regions*, **Angelika Krehl**, Research Institute for Regional and Urban Development (ILS); **Stefan Siedentop**, Research Institute for Regional and Urban Development (ILS)
- *Has Exurban Growth Slowed? An Examination of Housing Supply, Land Restrictions, and the Recent Housing Boom-Bust in the Baltimore Metropolitan Region*, **Douglas Wrenn**, Pennsylvania State University; **Elena G. Irwin**, Ohio State University; **Allen Klaiber**, Ohio State University
- *Parking and Urban Form*, **Jan Brueckner**, University of California, Irvine; **Sofia F. Franco**, Nova School of Business and Economics

Discussants:

Jan Brueckner, University of California, Irvine
Mitsuru Ota, University of Tsukuba
Angelika Krehl, Research Institute for Regional and Urban Development (ILS)
Elena G. Irwin, Ohio State University

65. Renewable Energy and Conservation Friday Nov 13 | 10:30 AM-12:30 PM | Cabinet Suite

Chair: Olesya Savchenko, University of Illinois, Urbana Champaign

- *Renewable Energy System Adoption and the Principal-Agent Problem*, **Jaewoo Cho**, University of California, Irvine; **Jaehong Kim**, University of California, Irvine
- *State Tax Breaks for Conservation: Do They Work?*, **Maria Edisa Soppelsa**, University of Illinois, Urbana-Champaign
- *Land Assembly, Biodiversity Offset and Urban Land Use: A Dynamic Urban Growth Model Approach*, **Junya Fukumoto**, Tohoku University; **Yanfen Feng**, Tohoku University
- *Who Benefits from Renewable Energy? Evidence from Indonesia*, **Olesya Savchenko**, University of Illinois, Urbana Champaign; **Kathy Baylis**, University of Illinois, Urbana-Champaign

Discussants:

Olesya Savchenko, University of Illinois, Urbana Champaign
Jaewoo Cho, University of California, Irvine
Maria Edisa Soppelsa, University of Illinois, Urbana-Champaign
Junya Fukumoto, Tohoku University

66. Local and Regional Inequality Friday Nov 13 | 10:30 AM-12:30 PM | Council Suite

Chair: Sudhir K. Thakur, California State University, Sacramento

- *Local Governments and Income Inequality Across U.S. Counties*, **Victor H. Iturra**, Ohio State University; **Mark Partridge**, Ohio State University; **Linda Lobao**, Ohio State University
- *Do Right to Work Laws Worsen Income Inequality? Evidence from the Last Five Decades*, **Abdul Munasib**, University of Georgia; **Aparna Mathur**, American Enterprise Institute; **Devesh Roy**, IFPRI; **Jeffrey Jordan**, University of Georgia
- *Economic Impact of High-Speed Rail on Regional Income Inequality in China*, **Feiyang Sun**, Cornell University; **Yuri Surtadi Mansury**, Cornell University
- *Spatial Dynamics and Regional Inequality in India (1971-2011): An Exploratory Data Analysis*, **Sudhir K. Thakur**, California State University, Sacramento

Discussants:

Sudhir K. Thakur, California State University, Sacramento
Victor H. Iturra, Ohio State University
Abdul Munasib, University of Georgia
Feiyang Sun, Cornell University

67. Regional Policy II Friday Nov 13 | 10:30 AM-12:30 PM | Directors Suite

Chair: Andreas Daniel Mazat, ifo Institute

- *Continuous Strategy Networks of R&D Collaborations in Oligopoly*, **Yih-Luan Chyi**, National Tsing Hua University; **Chih-Sheng Hsieh**, Chinese University of Hong Kong; **Chia-Ming Yu**, National Tsing Hua University

- *Large Establishments and Local Retailers: Evidence from Commercial Regulations*, **Maria Sánchez-Vidal**, London School of Economics
- *Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis*, **Amit Batabyal**, Rochester Institute of Technology; **Peter Nijkamp**, VU University Amsterdam
- *Broadband Infrastructure and Entrepreneurship*, **Oliver Falck**, ifo Institute; **Andreas Daniel Mazat**, ifo Institute; **Bastian Stockinger**, IAB Institute for Employment Research

Discussants:

Andreas Daniel Mazat, ifo Institute
Chia-Ming Yu, National Tsing Hua University
Maria Sánchez-Vidal, London School of Economics
Amit Batabyal, Rochester Institute of Technology

68. Immigration Policy and Destination Choice Friday Nov 13 | 10:30 AM-12:30 PM | Galleria I

Chair: Janet E. Kohlhase, University of Houston

- *Unauthorized Immigration, Transit States, and Fiscal Competition*, **Subhayu Bandyopadhyay**, Federal Reserve Bank of St. Louis; **Santiago M. Pinto**, Federal Reserve Bank of Richmond
- *Immigration Policy, High Skilled Dependents, and Brain Waste in the U.S.*, **Natasha Duncan**, Purdue University; **Ayoung Kim**, Purdue University; **Brigitte Waldorf**, Purdue University
- *Determinants of Illegal Immigrants Choice to Locate in USA*, **Juan Tomas Sayago-Gomez**, West Virginia University
- *Which City? Location of Immigrants in Sweden*, **Mikaela Backman**, Jönköping International Business School; **Janet E. Kohlhase**, University of Houston

Discussants:

Janet E. Kohlhase, University of Houston
Santiago M. Pinto, Federal Reserve Bank of Richmond
Natasha Duncan, Purdue University
Juan Tomas Sayago-Gomez, West Virginia University

69. Modeling House Values II Friday Nov 13 | 10:30 AM-12:30 PM | Galleria II

Chair: Yiming Wang, University College London

- *Hedonic Prices and the Benefit of a Nonmarginal Amenity Improvement in an Urban Setting*, **David Pines**, Tel Aviv University
- *Crime, School Quality and Housing Prices*, **Paulo Guimaraes**, European Central Bank; **Joseph Von Nessen**, University of South Carolina; **Douglas P. Woodward**, University of South Carolina
- *The Impact of Flood on Residential Land Value: An Evidence of the Bangkok Metropolitan Region*, **Sutee Anantsuksomsri**, Waseda University; **Nij Tontisirin**, Thammasat University; **Teetuch Trepermsub**, Thammasat University
- *Car Parking and Urban Property Values*, **Tomaz Ponce Dentinho**, University of the Azores
- *What Raises More Rental Value for Cheap versus Expensive Residential Properties? Evidence from Shanghai Based on a Quantile Spatial Hedonic Model*, **Yiming Wang**, University College London

Discussants:

Yiming Wang, University College London
David Pines, Tel Aviv University
Douglas P. Woodward, University of South Carolina
Sutee Anantsuksomsri, Waseda University
Tomaz Ponce Dentinho, University of the Azores

70. Public Transit Friday Nov 13 | 10:30 AM-12:30 PM | Galleria III

Chair: Paolo Avner, World Bank

- *Dynamic Public Transit Accessibility: Comparing the Effects of Infrastructure (Dis)investments over Time*, **Steven Farber**, University of Toronto, Scarborough; **Liwei Fu**, University of Utah
- *Public Transportation in U.S. Rural and Small Urban Areas: Towards a Comprehensive Accessibility-Based, People-Oriented Systems Evaluation*, **V. Dimitra Pyrialakou**, Purdue University; **Konstantina Gkritza**, Purdue University

- *Equity Implications of the Subway Network Expansion in a Metropolitan Area*, **Yena Song**, Chonnam National University; **Hyun Kim**, University of Tennessee; **Keumsook Lee**, Sungshin Women's University
- *Enhancing Accessibility: What Contribution of Land Use Changes in Nairobi?*, **Paolo Avner**, World Bank; **Somik V. Lall**, World Bank

Discussants:

Paolo Avner, World Bank
Steven Farber, University of Toronto, Scarborough
V. Dimitra Pyrialakou, Purdue University
Yena Song, Chonnam National University

71. Geocomputation II Friday Nov 13 | 10:30 AM-12:30 PM | Parlor B

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

Chair: **Liming Wang**, Portland State University

- *A Geo-Computation Approach to Study Creation and Diffusion of Knowledge Across Creative Industries in Metro Areas*, **Marcos Valdivia**, National University of Mexico; **Luis Quintana**, National University of Mexico; **Miguel A. Mendoza**, National University of Mexico
- *Re-Reading Politics in the News: Computation Beyond Event-Based Representations*, **Samuel Stehle**, Pennsylvania State University
- *A Framework to Examine the Environmental Dimension of Urbanization in Brazil*, **Monica Amaral Haddad**, Iowa State University; **Ana Clara Mourao Moura**, Federal University of Minas Gerais

Discussant:

Liming Wang, Portland State University

72. Warning!: Issues Related to Scale, Data, and Inference Friday Nov 13 | 10:30 AM-12:30 PM | Parlor C

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

- *"The Scale We Use, the World We See": A Contextual Analysis of Extreme Right Voting and Attitudes Towards Immigrants and Immigration in Belgium*, **Quentin David**, Université de Lille; **Jean-Benoit Pilet**, Université Libre de Bruxelles; **Gilles Van Hamme**, Université Libre de Bruxelles
- *Shining Light on Erroneous Use of China's Sub-National Data*, **John Gibson**, University of Waikato; **Chao Li**, University of Waikato
- *Pseudo Margins of Error for Metrics Derived from American Community Survey Data*, **David Folch**, Florida State University
- *A Glitch in the Matrix? Moneyball for Government and the Cult of Statistical Significance*, **Timothy R. Wojan**, USDA Economic Research Service

Discussants:

Timothy R. Wojan, USDA Economic Research Service
Quentin David, Université de Lille
John Gibson, University of Waikato
David Folch, Florida State University

73. Social Capital and the People Friday Nov 13 | 10:30 AM-12:30 PM | Senate Suite

Chair: **Matthew Roskrue**, University of Waikato

- *Migrants' Social Capital Investment Decisions: To Bond or to Bridge?*, **Zhiling Wang**, VU University Amsterdam
- *Migration Decision of Temporal Migrant Workers and Social Capital in Rural Regions*, **Kakuya Matsushima**, Kyoto University; **Kiyoshi Kobayashi**, Kyoto University; **Gunawan Praytno**, Brawijaya University
- *What Goes Around Comes Around: A Structural Equation Modelling Approach on Social Capital, Income and Immigration Aversion*, **Marco Savioli**, University of Bologna; **Roberto Patuelli**, University of Bologna; **Maurizio Mussoni**, University of Bologna
- *Understanding the Relationship Between Regional Population Diversity and Social Capital Formation*, **Matthew Roskrue**, University of Waikato; **Jacques Poot**, University of Waikato

Discussants:

Matthew Roskrue, University of Waikato
Zhiling Wang, VU University Amsterdam

Kakuya Matsushima, Kyoto University
Roberto Patuelli, University of Bologna

74. Spatial Econometrics V Friday Nov 13 | 10:30 AM-12:30 PM | Executive Suite

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

- *Healthcare Expenditure and Mobility Across Italian Regions: A Spatial Econometric Analysis*, **Fabrizio Renzi**, Bank of Italy; **Giorgio Dr Ivaldi**, Bank of Italy; **Stefano Dr Ranucci**, Bank of Italy; **Stefano Dr Ranucci**, Bank of Italy
- *Anisotropic Uncertainty in Spatial Data: A Gaussian Process Regression Approach with Bayesian Model Averaging*, **Jacob Dearmon**, Oklahoma City University; **Tony E. Smith**, University of Pennsylvania

Discussants:

Tony E. Smith, University of Pennsylvania
Fabrizio Renzi, Bank of Italy

75. Regional/Rural Development V: Wealth Creation Friday Nov 13 | 10:30 AM-12:30 PM | Studio Suite

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

Chair: John Pender, USDA Economic Research Service

- *How Effective are Rural Business Development Programs? Evaluation of USDA's Rural Business Development Programs*, **Seth Wiggins**, USDA Economic Research Service; **Anil Rupasingha**, USDA Economic Research Service
- *Personal Bankruptcy, Entrepreneurship, Innovation and Funding Rates: A Principal Agent Model*, **Ignacio Correas**, Colorado State University
- *Linkages Between Rural Community Wealth and Health Care Provision: Initial Findings of a Survey of 150 Small Rural Towns*, **John Pender**, USDA Economic Research Service; **M. Vivian Hughes**, USDA Economic Research Service

Discussants:

Ignacio Correas, Colorado State University
John Pender, USDA Economic Research Service
Seth Wiggins, USDA Economic Research Service

76. UEA 05A: Housing Supply and Tall Buildings Friday Nov 13 | 10:30 AM-12:30 PM | Broadway I

Chair: Daniel Paul McMillen, University of Illinois, Urbana-Champaign

- *Supply Constraints Are Not Valid Instrumental Variables for Home Prices Because They Are Correlated with Many Demand Factors*, **Thomas Davidoff**, University of British Columbia
- *The Production Function for Housing: Evidence from France*, **Pierre-Philippe Combes**, University of Aix-Marseille; **Gilles Duranton**, University of Pennsylvania; **Laurent Gobillon**, INED
- *The Vertical City: Rent Gradients and Spatial Structure*, **William Strange**, University of Toronto; **Stuart S. Rosenthal**, Syracuse University; **Crocker Liu**, Cornell University
- *The Vertical City: The Price of Land and the Height of Buildings in Chicago 1870-2010*, **Gabriel Ahlfeldt**, London School of Economics; **Daniel Paul McMillen**, University of Illinois, Urbana-Champaign

Discussants:

Daniel Paul McMillen, University of Illinois, Urbana-Champaign
Thomas Davidoff, University of British Columbia
Laurent Gobillon, INED
William Strange, University of Toronto

77. UEA 05B: Neighborhood Effects Friday Nov 13 | 10:30 AM-12:30 PM | Broadway II

Chair: Eleonora Patacchini, Cornell University

- *Diversity and Employment Prospects: Neighbors Matter!*, **Camille Hemet**, Paris School of Economics; **Clément Malgouyres**, Banque de France
- *Endogenous Social Networks and Inequality: Spatial Aspects*, **Yannis M. Ioannides**, Tufts University
- *Estimating the Willingness to Pay for Amenities with a Difference-in-Difference Hedonic Approach Based on an Inter-Temporal Equilibrium Model*, **Tatsuhito Kono**, Tohoku University; **Keisuke Tanaka**, Tohoku University
- *Neighborhood Effects in Education*, **Eleonora Patacchini**, Cornell University

Discussants:

Eleonora Patacchini, Cornell University
Camille Hemet, Paris School of Economics
Yannis M. Ioannides, Tufts University
Tatsuhito Kono, Tohoku University

78. UEA 05C: Misallocation and Inequality Friday Nov 13 | 10:30 AM-12:30 PM | Broadway III

Chair: Fariha Kamal, U.S. Census Bureau

- *The Alibaba Effect: Spatial Consumption Inequality and the Welfare Gains from e-Commerce*, **Jingting Fan**, University of Maryland; **Lixin Tang**, Shanghai University of Finance and Economics; **Weiming Zhu**, University of Maryland - College Park; **Ben Zou**, Michigan State University
- *Retail Markups, Misallocation, and Store Variety in the U.S.*, **Colin Joseph Hottman**, Board of Governors of the FRS
- *The Misallocation of Land and Other Factors of Production in India*, **Gilles Duranton**, University of Pennsylvania; **Ejaz Ghani**, World Bank; **Arti Grover**, World Bank; **William Kerr**, Harvard University
- *Spatial Concentration of Buyer-Seller Matches in International Trade: The Role of Institutions and Infrastructure*, **Fariha Kamal**, U.S. Census Bureau; **Asha Sundaram**, University of Cape Town

Discussants:

Fariha Kamal, U.S. Census Bureau
Ben Zou, Michigan State University
Colin Joseph Hottman, Board of Governors of the FRS
Gilles Duranton, University of Pennsylvania

12:30 PM-2:30 PM

RSAI Fellows Luncheon (Invitation Only) Friday Nov 13 | 12:30 PM-2:30 PM | Location TBA

1:30 PM-3:30 PM

79. Water as Resource and Constraint Friday Nov 13 | 1:30 PM-3:30 PM | Cabinet Suite

Chair: Christopher Severen, University of California, Santa Barbara

- *Island as Bad Geography. Insularity, Connectedness, Trade Costs and Trade*, **Anna Maria Maria Pinna**, University of Cagliari, CRENoS; **Luca De Benedictis**, University of Macerata
- *Assessing the Most Stringent Water Management System of China toward 2030: Based on a Dynamic CGE Model with the Water Parallel Pricing System*, **Shuai Zhong**, Chinese Academy of Sciences; **Lei Shen**, Institute of Geographic Sciences and Natural Resources Research; **Mitsuru Okiyama**, Reitaku University; **Suminori Tokunaga**, Reitaku University
- *Geographic Concentration in the Northeast U.S. Sea Scallop Fishery*, **Min-Yang Lee**, NOAA Fisheries; **Cameron L. Speir**, NOAA Fisheries; **Andrew Carr-Harris**, University of Rhode Island
- *Coastal Land Use Regulation and Amenities*, **Christopher Severen**, University of California, Santa Barbara; **Andrew Plantinga**, University of California, Santa Barbara

Discussants:

Christopher Severen, University of California, Santa Barbara
Anna Maria Maria Pinna, University of Cagliari, CRENoS
Shuai Zhong, Chinese Academy of Sciences
Min-Yang Lee, NOAA Fisheries

80. Trade: Regional and Territorial Friday Nov 13 | 1:30 PM-3:30 PM | Council Suite

Chair: Mark Brown, Statistics Canada

- *The Demand and Supply of Territories*, **Mona Kashiha**, Boston College; **Ben Li**, Boston College
- *Pro-Competitive Effects and Harm from Gradual Trade Liberalization*, **Igor Bykadorov**, Ca' Foscari University/ NRU HSE; **Sergey Kokovin**, NRU HSE/ NRU NSU; **Andrea Ellero**, Universita Ca' Foscari Venezia; **Stefania Funari**, Ca Foscari University of Venice; **Pavel Molchanov**, Higher School of Economics

- *The Competitiveness of Italian Regions in a Network of Global Value Chains*, **Luca Cherubini**, Bank of Italy; **Bart Los**, University of Groningen
- *Measuring Interprovincial Barriers to Trade in Canada, 2002 to 2008*, **Mark Brown**, Statistics Canada; **Jesse Tweedle**, University of Calgary; **Robby Bemrose**, Statistics Canada

Discussants:

Mark Brown, Statistics Canada
Mona Kashiha, Boston College
Igor Bykadorov, Ca'Foscari University/ NRU HSE
Bart Los, University of Groningen

81. Local Development Strategies Friday Nov 13 | 1:30 PM-3:30 PM | Directors Suite

Chair: Oliver M. Fritz, Austrian Institute of Economic Research (WIFO)

- *Brewing Growth: Regional Craft Breweries and Emerging Economic Development Opportunities*, **Neil Reid**, University of Toledo; **Jay Gatrell**, Bellarmine University
- *Where Do Music Festivals Come From? (And Where Do They Go?)*, **Patrick J. Adler**, University of California, Los Angeles
- *The Impact of Legalized Casino Gambling on Crime*, **Mark W. Nichols**, University of Nevada; **Mehmet Tosun**, University of Nevada, Reno
- *Developing Tourism Strategies for a Small, Heterogenous Region: The Case of Styria, Austria*, **Oliver M. Fritz**, Austrian Institute of Economic Research (WIFO)

Discussants:

Oliver M. Fritz, Austrian Institute of Economic Research (WIFO)
Neil Reid, University of Toledo
Patrick J. Adler, University of California, Los Angeles
Mark W Nichols, University of Nevada

82. Spatial Analysis: Applications I Friday Nov 13 | 1:30 PM-3:30 PM | Executive Suite

Chair: Myrna L. Sastre Gutierrez, Universidad Autonoma de Coahuila

- *Spatial Neighborhood Effects on Efficiency in the Use of Microcredits of Rural Women in Guatemala*, **Coro Chasco**, Universidad Autónoma de Madrid; **Maracruz Lacalle-Calderón**, Universidad Autonoma de Madrid; **Dusan J. C. Paredes**, Universidad Catolica del Norte
- *A Spatiotemporal Statistical Analysis of Transportation Network and Urban Growth in Japan in 1970-2010*, **Daisuke Murakami**, National Institute for Environmental Studies; **Yoshiki Yamagata**, National Institute for Environmental Studies
- *The Relationship Between Alcohol Outlet Density and Violence: Spatial Panel Results for New Zealand*, **Michael P. Cameron**, University of Waikato; **William Cochrane**, University of Waikato
- *Space-Time Distribution Dynamics of Human Development in Mexico: A Fifty Year Overview*, **Myrna L. Sastre Gutierrez**, Universidad Autonoma de Coahuila; **Sergio J. Rey**, Arizona State University

Discussants:

Myrna L. Sastre Gutierrez, Universidad Autonoma de Coahuila
Coro Chasco, Universidad Autónoma de Madrid
Daisuke Murakami, National Institute for Environmental Studies
Michael P. Cameron, University of Waikato

83. Cities and Agglomeration Friday Nov 13 | 1:30 PM-3:30 PM | Forum Suite

Chair: Michal Fabinger, University of Tokyo

- *Trade Liberalization and Markup Divergence: A General Equilibrium Approach*, **Kristian Behrens**, UQAM; **Sergey Kichko**, Higher School of Economics; **Philip Ushchev**, Higher School of Economics
- *Cities Trade Pattern*, **Jorge Diaz Lanchas**, Universidad Autonoma de Madrid; **Carlos Llano-Verduras**, Autonomous University of Madrid; **Asier Minondo**, University of Deusto
- *Do National Economies Exist Anymore? Redefining Economics in the Age of Global Cities*, **Marek Banczyk**, Columbia University
- *Analytic Solutions to Models of Agglomeration and Related Numerical Approaches*, **Michal Fabinger**, University of Tokyo

Discussants:

Michal Fabinger, University of Tokyo
Sergey Kichko, Higher School of Economics
Jorge Diaz Lanchas, Universidad Autonoma de Madrid
Marek Banczyk, Columbia University

84. Migration and Labor Markets Friday Nov 13 | 1:30 PM-3:30 PM | Galleria I

Chair: Andrés Rodríguez-Pose, London School of Economics

- *The Impact of Work Related Moves on Family Outcomes*, **Susan Payne Carter**, West Point; **Abigail Wozniak**, University of Notre Dame
- *How Do Business Closures Affect Workforce Geography?*, **Cecilie Dohmann Weatherall**, Kraksfond the Institute for Urban Economic Research; **Ditte Håkonsson**, Kraksfond Institute for Urban Economic Research
- *Labor Market Distortion Due to Over-investment in Human Capital and Limited Migration*, **Jaewon Lim**, University of Nevada, Las Vegas
- *Does Diversity Enhance the Long-Term Economic Impact of Migration? Evidence from the U.S.*, **Andrés Rodríguez-Pose**, London School of Economics; **Viola von Berlepsch**, London School of Economics

Discussants:

Andrés Rodríguez-Pose, London School of Economics
Susan Payne Carter, West Point
Cecilie Dohmann Weatherall, Kraksfond the Institute for Urban Economic Research
Jaewon Lim, University of Nevada, Las Vegas

85. Modeling House Values III Friday Nov 13 | 1:30 PM-3:30 PM | Galleria II

Chair: Hal Martin, Federal Reserve Bank of Cleveland

- *Housing Prices and the Comparative Advantage of Cities*, **Jinyue Li**, University of Minnesota/City University of Hong Kong
- *Using Refined Measures of Price Momentum for Improving Empirical Models Estimated for Different Phases of a Housing Price Cycle*, **Boris A. Portnov**, University of Haifa; **Charles Ingene**, University of Oklahoma; **Sagi Akron**, University of Haifa
- *Housing Quality in Cali, Colombia: A Hedonic Price Model and Aggregate Spatial Analysis*, **Mauricio Quinones**, University of North Carolina, Charlotte
- *The Impact of Housing Tax Preferences on Local Home Values and Neighborhood Sorting*, **Hal Martin**, Federal Reserve Bank of Cleveland

Discussants:

Hal Martin, Federal Reserve Bank of Cleveland
Jinyue Li, University of Minnesota/City University of Hong Kong
Boris A. Portnov, University of Haifa
Mauricio Quinones, University of North Carolina, Charlotte

86. Urban Form and Transportation Friday Nov 13 | 1:30 PM-3:30 PM | Galleria III

Chair: Marlon G. Boarnet, University of Southern California

- *CAFE Standards, Rebound Effects and Urban Form*, **Waldemar Marz**, ifo Institute; **Frank Goetzke**, University of Louisville
- *Mitigating the Adverse Impacts of Higher Transit Prices Through Construction Subsidies: Exploration Through a Land-Use Transport Model*, **Paolo Avner**, World Bank; **Shomik Mehndiratta**, World Bank; **Stephane Hallegatte**, World Bank; **Vincent Viguié**, Ecole des Ponts ParisTech
- *Modal Choice and Transit Development in a City with Multiple Business Centers*, **Quentin David**, Univesite de Lille; **Moez Kilani**, Univesite de Lille
- *Urban Spatial Structure, Employment Sub-centers and VMT: Evidences in Southern California*, **Marlon G. Boarnet**, University of Southern California; **Xize Wang**, University of Southern California

Discussants:

Marlon G. Boarnet, University of Southern California
Waldemar Marz, ifo Institute

Paolo Avner, World Bank
Quentin David, Univesite de Lille

87. Geocomputation III Friday Nov 13 | 1:30 PM-3:30 PM | Parlor B

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

Chair: Luc Anselin, Arizona State University

- *Computational Issues in Conditional Permutation Inference for LISA Statistics*, Luc Anselin, Arizona State University; Sergio J. Rey, Arizona State University; Jason Laura, Arizona State University
- *Comparing Interpolated and Dasymetric Data for Use in Spatial Segregation Measures*, Christopher S. Fowler, Pennsylvania State University
- *Assessment of Rasterized Vulnerability Indicators and Spatial Analysis Applications of Overlay Methods*, Wen-Yen Lin, Ming Chuan University; Chi-tung Hung, Ming Chuan University
- *Extreme Eigenvalues of Irregular Surface Partitionings: Approximations and Implementations*, Daniel A. Griffith, University of Texas, Dallas; Roger Bivand, Norwegian School of Economics (NHH); Yongwan Chun, University of Texas, Dallas

Discussant:

Luc Anselin, Arizona State University

88. Applications of Econometric Models I Friday Nov 13 | 1:30 PM-3:30 PM | Parlor C

Chair: Bern Caudill Dealy, University of New Mexico

- *A State-Level Analysis of Okun's Law*, Ruben Hernandez, Federal Reserve Bank of Cleveland; Amy Y. Guisinger, George Washington University; Michael T. Owyang, Federal Reserve Bank of St. Louis
- *Stochastic Pricing and Supply Chain Management in a Dynamic Network Economy*, Amir Meimand, Zilliant; Terry L. Friesz, Pennsylvania State University
- *A Modeling and Simulation on World Economy and Economic Crisis: a new Geopolinomic Framework*, Zheng Wang, Institute of Policy and Management; Min Hu, Institute of Policy and Management; Wen Xiong,
- *Variance of Tax Revenue Portfolio and Critical Infrastructure Resilience*, Bern Caudill Dealy, University of New Mexico; Vanessa N. Vargas, Sandia National Laboratories

Discussants:

Bern Caudill Dealy, University of New Mexico
Ruben Hernandez, Federal Reserve Bank of Cleveland
Amir Meimand, Zilliant
Zheng Wang, Institute of Policy and Management

89. Regional Economic Effects of Disasters I Friday Nov 13 | 1:30 PM-3:30 PM | Senate Suite

Organizer and Chair: Yasuhide Okuyama, University of Kitakyushu

- *Economic Consequence Analysis Tool (E-CAT) for Disasters*, Adam Rose, University of Southern California; Fynn Prager, University of Southern California; Zhenhua Chen, University of Southern California; Sam Chatterjee, PNNL
- *Evaluating Economic Effects of Production Activities in Zones Surrounding the Nuclear Power Station*, Hiroyuki Shibusawa, Toyohashi University of Technology; Yuzuru Miyata, Toyohashi University of Technology
- *Quantitative Vulnerability Assessment of Spatially Dispersed Critical Infrastructure Networks in the Face of Extreme Weather Events: Advancing the Methodology*, Arash Beheshtian, Cornell University; Kieran Donaghy, Cornell University

Discussants:

Hiroyuki Shibusawa, Toyohashi University of Technology
Arash Beheshtian, Cornell University
Adam Rose, University of Southern California

90. Regional/Rural Development VI: Health Care Friday Nov 13 | 1:30 PM-3:30 PM | Studio Suite

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

Chair: David Mushinski, Colorado State University

- *The Impacts of Medicaid Expansion on Rural Low-Income Adults -- Lessons from the Oregon Health Insurance Experiment*, **Heidi Allen**, Columbia University; **Bill Wright**, Providence Portland Medical Center; **Lauren Broffman**, Providence Portland Medical Center
- *The Human Cost of Pharmaceutical Money*, **Jason Parker**, Michigan State University; **Scott Loveridge**, Michigan State University
- *The Role of Regional Factors in Determining Behavioral Health*, **Assa Dembele**, Michigan State University; **Scott Loveridge**, Michigan State University
- *The Impact of Oregon Tort Reform on Cesarean Sections in Portland, Oregon*, **Aanston Frazier**, Colorado State University; **David Mushinski**, Colorado State University

Discussants:

Scott Loveridge, Michigan State University
Aanston Frazier, Colorado State University
David Mushinski, Colorado State University
Heidi Allen, Columbia University

91. UEA 06A: Homeownership II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway I

Chair: Edward Coulson, University of Nevada, Las Vegas

- *The Effects of Macroprudential Mortgage Insurance Regulation During a Housing Boom: Evidence from Canada*, **Lu Han**, University of Toronto
- *Default Option Exercise over the Financial Crisis and Beyond*, **Stuart A. Gabriel**, University of California, Los Angeles
- *Optimal Sharing of Interest-Rate Risk in Mortgage Contracts: The Effects of Potential Prepayment and Default*, **Jan Brueckner**, University of California, Irvine; **Kangoh Lee**, San Diego State University
- *Are New Homes Special?*, **Edward Coulson**, University of Nevada, Las Vegas; **Adele Morris**, Brookings Institution; **Helen Neill**, University of Nevada - Las Vegas

Discussants:

Edward Coulson, University of Nevada, Las Vegas
Lu Han, University of Toronto
Stuart A. Gabriel, University of California, Los Angeles
Jan Brueckner, University of California, Irvine

92. UEA 06B: Empirics of Agglomeration II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway II

Chair: Shimeng Liu, University of Southern California

- *Regional Concentration of Industry in China*, **Stephen Sheppard**, Williams College; **Daniel Zhao**, Federal Reserve Bank of Boston
- *What Are the Returns to Regional Mobility? Evidence from Mass Layoffs*, **Wolfgang Dauth**, IAB and University of Wuerzburg; **Sebastian Findeisen**, University of Mannheim; **Attila Lindner**, University of California, Berkeley
- *Agglomeration, Urban Wage Premiums, and College Majors*, **Shimeng Liu**, University of Southern California

Discussants:

Shimeng Liu, University of Southern California
Stephen Sheppard, Williams College
Wolfgang Dauth, IAB and University of Wuerzburg

93. UEA 06C: Local Labor Markets II Friday Nov 13 | 1:30 PM-3:30 PM | Broadway III

Chair: Nathalie Picarelli, London School of Economics

- *Search, Labor Supply and Unemployment of Married Women in Cities*, **Paola L. Montero Ledezma**, Stockholm University; **Wei Xiao**, Southwestern University of Finance and Economics; **Yves Zenou**, Stockholm University
- *Elastic Labor Supply and Agglomeration*, **Takanori Ago**, Senshu University; **Kazuhiro Yamamoto**, Osaka University; **Tadashi Morita**, Kindai University; **Takatoshi Tabuchi**, University of Tokyo
- *The Urban Wage Premium in Imperfect Labour Markets*, **Boris Hirsch**, University of Erlangen-Nuernberg; **Elke J. Jahn**, Institute for Employment Research (IAB) & University of Bayreuth; **Michael Oberfichtner**, University of Erlangen-Nuernberg & Institute for Employment Research (IAB)
- *Estimating the Effect of Subsidized Housing on Labor Supply: Evidence from South Africa*, **Nathalie Picarelli**, London School of Economics

Discussants:

Nathalie Picarelli, London School of Economics

Wei Xiao, Southwestern University of Finance and Economics

Kazuhiro Yamamoto, Osaka University

Michael Oberfichtner, University of Erlangen-Nuernberg & Institute for Employment Research (IAB)

94. UEA 06D: Innovation in Space Friday Nov 13 | 1:30 PM-3:30 PM | Broadway IV

Chair: Steven Brakman, University of Groningen

- *Do STEM and Non-STEM College Graduates Increase Innovation? Evidence from U.S. Metropolitan Areas*, **John V. Winters**, Oklahoma State University
- *Space Race: Learning and Productivity in Cities*, **Alex Whalley**, University of California, Merced
- *The Location of Cross-Border Mergers & Acquisitions in the USA*, **Steven Brakman**, University of Groningen; **Harry Garretsen**, University of Groningen; **Charles Van Marrewijk**, University of Utrecht
- *A Quantitative Analysis of Goods Flow and City Size*, **Thomas J. Holmes**, University of Minnesota; **Ethan Singer**, University of Minnesota

Discussants:

Thomas J. Holmes, University of Minnesota

John V. Winters, Oklahoma State University

Alex Whalley, University of California, Merced

Steven Brakman, University of Groningen

3:30 PM-4:00 PM

Coffee Break Friday Nov 13 | 3:30 PM-4:00 PM | Grand Ballroom Foyer

4:00 PM-6:00 PM

95. Agriculture and Water Issues Friday Nov 13 | 4:00 PM-6:00 PM | Cabinet Suite

Chair: Alberto Franco, University of Extremadura

- *Impact of Public Irrigation Projects on Poverty in Brazilian Semi-Arid*, **Renata M. Caldas**, Federal University of Pernambuco; **Yony Sampaio**, Pimes - UFPE
- *Water Resource Risk and Farm Exit in the High Plains Aquifer System*, **Vanessa N. Vargas**, Sandia National Laboratories; **Bern Caudill Dealy**, University of New Mexico
- *Irrigation and Land Use Choice: A Dynamic Application to the Bajio Aquifers in Mexico*, **Alberto Hernandez Morales**, Cornell University
- *Impacts of a Regional Agri-Food Industry on Economy and Water Environment: The Case of the Spanish Region of Extremadura*, **Alberto Franco**, University of Extremadura; **Xueqin Zhu**, University of Wageningen

Discussants:

Alberto Franco, University of Extremadura

Renata M. Caldas, Federal University of Pernambuco

Vanessa N. Vargas, Sandia National Laboratories

Alberto Hernandez Morales, Cornell University

96. Trade: International Friday Nov 13 | 4:00 PM-6:00 PM | Council Suite

Chair: Javier Barbero, Universidad Autónoma de Madrid

- *International Trade as a Determinant of Social Capital: Evidence from Cross-Country Data*, **Luz Saavedra**, University of St. Thomas; **Robert Riley**, University of St. Thomas
- *Do Larger Countries Have Higher Welfare?*, **Hajime Takatsuka**, Kagawa University; **Dao-Zhi Zeng**, Tohoku University
- *Endogenous Labor Supply and International Trade*, **Takatashi Tabuchi**, University of Tokyo; **Takanori Ago**, Senshu University; **Tadashi Morita**, Kindai University; **Kazuhiro Yamamoto**, Osaka University
- *Does Institutional Quality Matter for Trade? Institutional Conditions in a Sectoral Trade Framework*, **Inmaculada C. Álvarez**, Universidad Autónoma de Madrid; **Javier Barbero**, Universidad Autónoma de

Madrid; **José L. Zofío**, Universidad Autónoma de Madrid; **Andrés Rodríguez-Pose**, London School of Economics

Discussants:

Javier Barbero, Universidad Autónoma de Madrid
Luz Saavedra, University of St. Thomas
Hajime Takatsuka, Kagawa University
Takatoshi Tabuchi, University of Tokyo

97. Issues in Local Development Friday Nov 13 | 4:00 PM-6:00 PM | Directors Suite

Chair: Hiranya K. Nath, Sam Houston State University

- *The Effectiveness of Microenterprise Policies in Chile: The Case of Centro de Emprendimientos Chile Compra*, **Sergio Andres Contreras**, University of Illinois, Urbana-Champaign
- *Small Homes, Fiscal Externalities, and the Property Tax: Evidence from the Cities and Schools, 1970-2010*, **Ryan Michael Gallagher**, Northeastern Illinois University
- *Second Chance Education as Crime Prevention: Evidence from a Voucher in Vocational Education and Training*, **Cain Polidano**, University of Melbourne; **Nikhil Jha**, University of Melbourne
- *Information and Communications Technology (ICT) and Services Trade*, **Hiranya K. Nath**, Sam Houston State University; **Lirong Liu**, Sam Houston State University

Discussants:

Hiranya K. Nath, Sam Houston State University
Sergio Andres Contreras, University of Illinois, Urbana-Champaign
Ryan Michael Gallagher, Northeastern Illinois University
Cain Polidano, University of Melbourne

98. Spatial Analysis: Applications II Friday Nov 13 | 4:00 PM-6:00 PM | Executive Suite

Chair: Peter Stenberg, USDA Economic Research Service

- *Grain Price Convergence Among the Gubernias of the Russian Empire from 1861 to 1915*, **Vera Ivanova**, Higher School of Economics
- *The Importance of Firm-Size for the Economic Growth of Brazilian Micro-Regions*, **Douglas Mesquita Carneiro**; **Carlos Eduardo Lobo Silva**; **Tulio Antonio Cravo**,
- *Spatial Co-location Patterns of Firms in the Aerospace Industry in Mexico*, **Miguel Flores**; **Amado Villarreal**, Tecnológico de Monterrey; **Saidi Flores**, Tec de Monterrey
- *Spatially-Distributed Household Broadband Technology Adoption*, **Peter Stenberg**, USDA Economic Research Service

Discussants:

Peter Stenberg, USDA Economic Research Service
Vera Ivanova, Higher School of Economics
Douglas Mesquita Carneiro,
Miguel Flores

99. Infrastructure Friday Nov 13 | 4:00 PM-6:00 PM | Forum Suite

Chair: Alina M. Schoenberg, Bundeswehr University Munich

- *The Demand for Parks, Policy Evaluation and the Sensitivity to Park Specifications*, **Toke Emil Panduro**, Copenhagen University; **Cathrine Ulla Jensen**, Copenhagen University; **Thomas Hedemark Lundhede**, Copenhagen University; **Kathrine von Graevenitz**, Center for European Economic Research; **Bo Jellesmark Thorsen**, Copenhagen University
- *The Impact of Child-Friendly Environment on Family Leisure Motivation and Leisure Constraint*, **Chien-Wen Lo**, Ming Chuan University
- *Estimating the Short-Run Effect on Market-Access of the Construction of Better Transportation Infrastructure in Mexico*, **Fernando Diego Perez Cervantes**, Banco de Mexico; **Aldo Sandoval-Hernandez**, University of Western Ontario
- *Zoning and Infrastructure in Bavaria*, **Alina M. Schoenberg**, Bundeswehr University Munich; **Florian W. Bartholomae**, Bundeswehr University Munich

Discussants:

Alina M. Schoenberg, Bundeswehr University Munich
Cathrine Ulla Jensen, Copenhagen University
Chien-Wen Lo, Ming Chuan University
Fernando Diego Perez Cervantes, Banco de Mexico

100. Labor and Welfare Aspects of Development Friday Nov 13 | 4:00 PM-6:00 PM | Galleria I

Chair: Craig Carpenter, Michigan State University

- *Occupational Segregation and Social Welfare*, **Coral Del Rio**, University of Vigo; **Olga Alonso-Villar**, University of Vigo
- *Understanding the Drivers of Productivity Benefits from Immigrant Diversity in Cities*, **Abigail M. Cooke**, University at Buffalo, SUNY; **Thomas Kemeny**, University of Southampton
- *Shaping and Making a Future: Iranian American Business and Technology Leaders and Entrepreneurs in Silicon Valley*, **Kathrine E. Richardson**, San Jose State University
- *The Dynamics of Latino-Owned Businesses with Comparisons to Other Ethnicities*, **Craig Carpenter**, Michigan State University; **Scott Loveridge**, Michigan State University

Discussants:

Craig Carpenter, Michigan State University
Olga Alonso-Villar, University of Vigo
Abigail M. Cooke, University at Buffalo, SUNY
Kathrine E. Richardson, San Jose State University

101. Modeling House Values IV Friday Nov 13 | 4:00 PM-6:00 PM | Galleria II

Chair: Joep Steegmans, Utrecht University

- *The Post-Expiration Effects of LIHTC Projects on Host Neighborhood Property Value Beyond 15-Year Compliance Period*, **Jiemin Wu**, University of Maryland, College Park
- *Small and Medium Multi-family Housing: Affordability, Distribution, and Trends*, **Raphael Bostic**, University of Southern California; **Andrew Jakabovics**, Enterprise Community Partners; **Seva Rodnyansky**, University of Southern California; **Anthony W. Orlando**, University of Southern California; **Yeokwang An**, University of Southern California
- *Demand for New Cities: Property Value Capitalization of New Municipal Incorporation*, **Carlianne Patrick**, Georgia State University; **Christopher Mothorpe**, College of Charleston
- *Decreasing House Prices and Household Mobility: An Empirical Study on Loss Aversion and Negative Equity*, **Joep Steegmans**, Utrecht University; **Wolter Hassink**, Utrecht University

Discussants:

Joep Steegmans, Utrecht University
Jiemin Wu, University of Maryland, College Park
Seva Rodnyansky, University of Southern California
Carlianne Patrick, Georgia State University

102. Commuting and Travel Behavior Friday Nov 13 | 4:00 PM-6:00 PM | Galleria III

Chair: Steven R. Gehrke, Portland State University

- *Gender Differences in Commuting Behavior and Time Allocation*, **Akiko Sakanishi**, Nara Prefectural University
- *Staggered Work Hours at the University: An Economic Evaluation Using Smart-Card Data*, **Nicolas E. Coulombel**, Université Paris Est; **Mohamed Khalil El-Mahrsi**, IFSTTAR; **Emmanuel Munch**, Université Paris Est
- *The Role of Income as a Determinant of Mode of Transportation and Length of Commute*, **Michelangelo Landgrave**, California State University, Long Beach; **Branden Galley**, California State University, Long Beach; **Annette Kunitza**, California State University, Long Beach
- *An Activity-Based Approach to Measuring the Effect of Land Use Mixing on Pedestrian Travel*, **Steven R. Gehrke**, Portland State University; **Kelly J. Clifton**, Portland State University

Discussants:

Steven R. Gehrke, Portland State University
Akiko Sakanishi, Nara Prefectural University
Nicolas E. Coulombel, Université Paris Est
Michelangelo Landgrave, California State University, Long Beach

103. Journal of Regional Science Special Session Friday Nov 13 | 4:00 PM-6:00 PM | Grand Ballroom II

Organizers: Steven Brakman, University of Groningen; Edward Coulson, University of Nevada, Las Vegas; Mark Partridge, Ohio State University; Jens Suedekum, Heinrich-Heine-University Düsseldorf

Chair: Mark Partridge, Ohio State University

- *How Can We Improve the Evaluation of Urban and Regional Policy?*, Henry G. Overman, London School of Economics
- *Optimal Real Estate Capital Durability and Local Economic Uncertainty: The Case of Climate Change*, Matthew Kahn, University of California, Los Angeles

Discussants:

Philip McCann, University of Groningen

David Albouy, University of Illinois, Urbana-Champaign

104. Geocomputation IV Friday Nov 13 | 4:00 PM-6:00 PM | Parlor B

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

Chair: Suzana Dragicevic, Simon Fraser University

- *Agent-Based Simulation of A Multiscalar Model for Polycentric Urban-Regional Systems*, Zhaoya Gong, University of North Carolina, Charlotte; Jean-Claude F. Thill, University of North Carolina, Charlotte
- *Can Conventional Measures Identify Geographically Varying Mixed Regression Relationships? A Simulation-Based Analysis*, Aaron Swoboda, Carleton College
- *Monocentric Urban Simulation Models: Getting Closer to Fractal Properties and Landscape Representation*, Geoffrey Caruso, University of Luxembourg; Pierre Frankhauser, University of Besançon; Dominique Peeters, Center for Operations Research and Econometrics; Isabelle Thomas, Center for Operations Research and Econometrics; Gilles Vuidel, University of Besançon
- *Optimizing Emerald Ash Borer Eradication: Integration of GIS and Agent-Based Approaches*, Taylor M. Anderson, Simon Fraser University; Suzana Dragicevic, Simon Fraser University

Discussant:

Suzana Dragicevic, Simon Fraser University

105. Applications of Econometric Models II Friday Nov 13 | 4:00 PM-6:00 PM | Parlor C

Chair: Mario Polese, University of Quebec

- *Impact of the Mobility of Capital and Labor on China's Regional Economic Disparities: An Explanation Based on a Two-Region Factors Marginal Product Dynamic Model*, Xue Zhang, Cornell University; Tao Ma, Harbin Institute of Technology
- *Estimating Market Access Effects with Regional Wage Data: An Application of the Gravity Equation and the Structural Wage Equation in a Non-linear Dynamic Specification*, Johannes Plambeck, Cornell University; Kieran Donaghy, Cornell University
- *What Comes First: Firms or Households? A Canadian Case Study*, Charles-David Babin, Université Laval; Jean-Christophe Dubé, Université Laval; Alexandre Potvin, Université Laval; Hemza Lekkat, Université Laval; Olivier Ringue, Université Laval; Jean Dubé, Université Laval
- *Where Do New Economy Jobs Locate in Cities? Evidence from Toronto, Montreal, and Vancouver Using Micro-data and Spatial-Econometric Modelling*, Mario Polese, University of Quebec; Chloé Duvivier; Philippe Apparicio,

Discussants:

Mario Polese, University of Quebec

Xue Zhang, Cornell University

Kieran Donaghy, Cornell University

Jean Dubé, Université Laval

106. Rural Development Issues Friday Nov 13 | 4:00 PM-6:00 PM | Studio Suite

Chair: Senal A Weerasooriya, Oregon State University

- *Tell Me Your Preferences and I'll Tell You Where to Live*, Lise Bourdeau-Lepage, University Lyon 3 UMR EVS

- *Research on the High-end Development of Agricultural Products Logistics in the Era of Large Data Era-- Discussion of Logistics Information Platform Project in Wanyuan City*, **Min Tian**, Xi Hua University/University of North Carolina, Chapel Hill; **Guangzheng Rui**, Xi Hua University; **Jiahui Cao**, Xi Hua University
- *Incidence of PROCAMPO Subsidy on Farmland Rental Rates in Mexico*, **Ariadna Martinez Gonzalez**, Ohio State University
- *Distributional Effects of the Farm Bill: Nutrition Assistance versus Farm Safety Net Programs*, **Senal A. Weerasooriya**, Oregon State University; **Jeffrey Reimer**, Oregon State University

Discussants:

Senal A Weerasooriya, Oregon State University
Lise Bourdeau-Lepage, University Lyon 3 UMR EVS
Min Tian, Xi Hua University/University of North Carolina, Chapel Hill
Ariadna Martinez Gonzalez, Ohio State University

107. Regional Economic Effects of Disasters II Friday Nov 13 | 4:00 PM-6:00 PM | Senate Suite

Organizer and Chair: Yasuhide Okuyama, University of Kitakyushu

- *The Rise and Fall of the Kobe Economy from the 1995 Earthquake*, **Yasuhide Okuyama**, University of Kitakyushu
- *An Analytical Framework of Cooperative Park Management for Both Normal and Disaster Situations*, **Eizo Hideshima**, Nagoya Institute of Technology; **Nemat Mohammadi**; **Yoshio Noguchi**,
- *An Assessment of Crowding-Out Effect in Disaster Preparedness*, **Shinya Horie**, Kobe University; **Timo Goeschl**, Heidelberg University; **Shunsuke Managi**, Kyushu University

Discussants:

Eizo Hideshima, Nagoya Institute of Technology
Shinya Horie, Kobe University
Yasuhide Okuyama, University of Kitakyushu

108. UEA 07A: Local Labor Markets III Friday Nov 13 | 4:00 PM-6:00 PM | Broadway I

Chair: Christopher Palmer, University of California, Berkeley

- *Fast Locations and Slowing Labor Mobility*, **Patrick Coate**, University of Michigan; **Kyle Mangum**, Georgia State University
- *Long-Term Effects of the Great Recession Across Space*, **Danny Yagan**, University of California, Berkeley
- *The Effect of Business Cycle Fluctuations on Migration Decisions*, **Tyler Ransom**, Duke University
- *IV Quantile Regression for Group-Level Treatments with an Application to the Distributional Effects of Trade*, **Christopher Palmer**, University of California, Berkeley

Discussants:

Christopher Palmer, University of California, Berkeley
Kyle Mangum, Georgia State University
Danny Yagan, University of California, Berkeley
Tyler Ransom, Duke University

109. UEA 07B: Homeownership III Friday Nov 13 | 4:00 PM-6:00 PM | Broadway II

Chair: Ahmet Ali Taskin, Central Bank of Turkey

- *Housing Prices and Mating Preferences: Evidence from Online Daters*, **Yongheng Deng**, National University of Singapore; **Yu Qin**, National University of Singapore; **Hongjia Zhu**, National University of Singapore
- *Regulating Investment Homes: Evidence from Switzerland*, **Christian A. L. Hilber**, London School of Economics; **Olivier Schoeni**, London School of Economics
- *Socioeconomic and Racial Disparities in the Financial Returns to Homeownership*, **Tom Mayock**, Office of the Comptroller of the Currency; **Rachel Spritzer**, Federal Reserve Bank of Philadelphia
- *Does Homeownership Prolong the Duration of Unemployment?*, **Ahmet Ali Taskin**, Central Bank of Turkey; **Firat Yaman**, City University London

Discussants:

Ahmet Ali Taskin, Central Bank of Turkey
Yu Qin, National University of Singapore

Christian A. L. Hilber, London School of Economics
Tom Mayock, Office of the Comptroller of the Currency

110. UEA 07C: Neighborhoods and Education Friday Nov 13 | 4:00 PM-6:00 PM | Broadway III

Chair: Rosa Sanchis-Guarner, London School of Economics

- *Measuring Neighborhood Preferences Under Credit Constraints*, **Edward Kung**, University of California, Los Angeles; **Ralph Mastromonaco**, University of Oregon
- *Partners in Crime: School, Neighborhoods and the Formation of Criminal Networks*, **Stephen B. Billings**, University of North Carolina, Charlotte; **David Deming**, Harvard University; **Stephen L. Ross**, University of Connecticut
- *School Autonomy and Parental Preferences*, **Marco Bertoni**, University of Padova; **Steve Gibbons**, London School of Economics; **Olmo Silva**, London School of Economics
- *ICT and Education: Evidence from Student Home Addresses*, **Benjamin Faber**, University of California, Berkeley; **Rosa Sanchis-Guarner**, London School of Economics; **Felix Weinhardt**, Humboldt-University Berlin

Discussants:

Rosa Sanchis-Guarner, London School of Economics
Edward Kung, University of California, Los Angeles
Stephen B. Billings, University of North Carolina, Charlotte
Olmo Silva, London School of Economics

111. UEA 07D: Urban Theory I Friday Nov 13 | 4:00 PM-6:00 PM | Broadway IV

Chair: Benoit Schmutz, Howard University

- *Equilibrium Dynamics in a Model of Growth and Spatial Agglomeration*, **Shota Fujishima**, University of Tokyo; **Daisuke Oyama**, University of Tokyo
- *Equilibrium Commuting*, **Marcus Berliant**, Washington University, St. Louis; **Takatoshi Tabuchi**, University of Tokyo
- *Illegal Immigration and Multiple Destinations*, **Kaz Miyagiwa**, Florida International University; **Yasuhiro Sato**, Osaka University
- *Frictional Spatial Equilibrium*, **Modibo Sidibe**, Duke University; **Benoit Schmutz**, Howard University

Discussants:

Benoit Schmutz, Howard University
Shota Fujishima, University of Tokyo
Marcus Berliant, Washington University, St. Louis
Yasuhiro Sato, Osaka University

6:15 PM-8:30 PM

112. Isserman Lecture and Reception Friday Nov 13 | 6:15 PM-8:30 PM | Grand Ballroom II

Organizer and Chair: Luc Anselin, Arizona State University

- *Economic Development Policy and Practice in the United States: A Retrospective and Prospective View*, **Edward Feser**, University of Illinois, Urbana-Champaign

Saturday, 14 November 2015

7:30 AM-10:00 AM

113. Registration and Exhibits Saturday Nov 14 | 7:30 AM-10:00 AM | Grand Ballroom Foyer

8:00 AM-10:00 AM

RRI Advisory Board Meeting (Invitation Only) Saturday Nov 14 | 8:00 AM-10:00 AM | Forum Suite

114. When Workers Move Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway IV

Chair: Matthias Dorner, Max-Planck Institute for Innovation and Competition

- *Migrant Attractive Power of Shale Gas Developments in the USA*, **Isha Rajbhandari**, Ohio State University; **Alessandra Faggian**, Ohio State University; **Mark Partridge**, Ohio State University
- *Do Workers Move Closer to Jobs?: Evidence from Commuting and Household Relocation Patterns in the 2000s*, **Jae Hong Kim**, University of California, Irvine; **Jaewon Lim**, University of Nevada, Las Vegas
- *Where Does the Water Flow? A Model of Urban Migration and Agricultural Production When Water is Mobile Across Regions*, **Juan Carlos Lopez**, University of California, Riverside
- *Social Ties and Quality Signals in the Migration of Knowledge Workers -- Lessons from East German Inventor Mobility*, **Matthias Dorner**, Max-Planck Institute for Innovation and Competition; **Dietmar Harhoff**, Max-Planck Institute for Innovation and Competition; **Karin Hoisl**, Max-Planck Institute for Innovation and Competition; **Tina Hinz**, University of Erlangen-Nuernberg; **Stefan Bender**,

Discussants:

Matthias Dorner, Max-Planck Institute for Innovation and Competition

Isha Rajbhandari, Ohio State University

Jae Hong Kim, University of California, Irvine

Juan Carlos Lopez, University of California, Riverside

115. Agricultural Production and Trade | Saturday Nov 14 | 8:00 AM-10:00 AM | Cabinet Suite

Chair: Yuko Akune, Reitaku University

- *Special Safeguard Tariff Impacts on the Brazilian Economy*, **Cinthia da Costa Cabral**, Embrapa; **Joaquim J. M. Guilhoto**, FEA-USP; **Heloisa L. Burnquist**, ESALQ - USP
- *The Role of Agglomeration Factors and Local Institutions on the Long-Term Resilience of Coffee Agricultural Clusters in Costa Rica*, **Thomas H. Douthat**, Georgia Institute of Technology
- *A Proposal for Conservation Measures by Concatenated Groves as a Green Belt in Metropolitan Suburbs -- Through Merchandising "Trespassing Rights" Applied to the Green Belt That Levied by Residential Comparable Taxation on Land*, **Norihiko Yazawa**, Tokyo International University
- *Regional Economic Impact of Green Tea Cultivar Choices Using Intertemporal Dynamic CGE Model*, **Yuko Akune**, Reitaku University

Discussants:

Yuko Akune, Reitaku University

Cinthia da Costa Cabral, Embrapa

Thomas H. Douthat, Georgia Institute of Technology

Norihiko Yazawa, Tokyo International University

116. Industry Clusters and Economic Development Saturday Nov 14 | 8:00 AM-10:00 AM | Council Suite

Chair: Andre Torre, INRA

- *Spatial Spillover Effect of Industrial Clusters in Turkey*, **Irfan Kaygalak**, Balikesir University
- *Clusters in Regional Economics and Geography*, **Jing Chen**, West Virginia University
- *Industry Clustering and Unemployment in U.S. Regions: An Exploratory Note*, **Thomas Lambert**, Northern Kentucky University
- *Territorial Governance and Proximity Dynamics. The Case of Clusters of Local Producers in the Amazonian*, **Andre Torre**, INRA

Discussants:

Andre Torre, INRA

Irfan Kaygalak, Balikesir University

Jing Chen, West Virginia University

Thomas Lambert, Northern Kentucky University

117. Perspectives on Economic Development Saturday Nov 14 | 8:00 AM-10:00 AM | Directors Suite

Chair: Hernan Ocampo Solarte, Universidad Autonoma de Occidente

- *A Pseudo-Panel Approach to Estimating Dynamic Effects of Road Infrastructure Provision on Firm Productivity in a Developing Country Context*, **Samira Barzin**, Imperial College London; **Daniel J. Graham**, Imperial College London; **Sabine D'Costa**, University of Westminster

- *Historical Trades, Tasks and Agglomeration economies*, **Philipp Ehrl**, Catholic University of Brasília; **Leonardo M. Monasterio**, Catholic University of Brasília
- *Industrialization from Scratch: The Persistent Effects of China's "Third Front" Movement*, **Ben Zou**, Michigan State University; **Jingting Fan**, University of Maryland
- *Besides Fundamental and Proximate causes, Intermediate Causes Have a Role in the Economic Development Process*, **Hernan Ocampo Solarte**, Universidad Autonoma de Occidente

Discussants:

Hernan Ocampo Solarte, Universidad Autonoma de Occidente

Samira Barzin, Imperial College London

Philipp Ehrl, Catholic University of Brasília

Ben Zou, Michigan State University

118. Spatial Analysis: Methods I Saturday Nov 14 | 8:00 AM-10:00 AM | Executive Suite

Chair: Roberto Patuelli, University of Bologna

- *Spatial Matching Model with Ordinal Outcome: Analyzing Spatial Interaction with Agent Collaboration*, **Dapeng Zhang**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute
- *Revisiting Spatial Econometric Models for Flows Data*, **Patricio Aroca**, Universidad Adolfo Ibanez; **Coro Chasco**, Universidad Autónoma de Madrid
- *Spatio-Temporal Modeling of Economic Growth*, **Tetyana Z. Beregovska**, University of Missouri
- *Forecasting Regional Unemployment Across National Boundaries*, **Roberto Patuelli**, University of Bologna; **Matías Mayor**, University of Oviedo

Discussants:

Roberto Patuelli, University of Bologna

Dapeng Zhang, Rensselaer Polytechnic Institute

Patricio Aroca, Universidad Adolfo Ibanez

Tetyana Z. Beregovska, University of Missouri

119. Segregation and Interaction I Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria I

Chair: Steven Farber, University of Toronto, Scarborough

- *Can Urban Renewal Policies Reverse Ethnic Tipping Points?*, **Nicolás González-Pampillón**, Universitat de Barcelona & IEB; **Jordi Jofre-Monseny**, Universitat de Barcelona & IEB; **Elisabet Viladecans-Marsal**, Universitat de Barcelona
- *Meet the New Neighborhood, Same as the Old Neighborhood: Persistence in U.S. Metropolitan Areas from 1970 to 2010*, **Thomas Malone**, University of Southern California; **Christian L. Redfearn**, University of Southern California
- *The Effect of Outside Options on Neighborhood Tipping Points*, **Peter Q. Blair**, University of Pennsylvania
- *A Nationwide Comparison of Racial Segregation in Metropolitan Regions: What Can Be Learned from a Social Interaction Approach?*, **Steven Farber**, University of Toronto, Scarborough; **Nate Wessel**, University of Toronto

Discussants:

Steven Farber, University of Toronto, Scarborough

Jordi Jofre-Monseny, Universitat de Barcelona & IEB

Thomas Malone, University of Southern California

Peter Q. Blair, University of Pennsylvania

120. Housing and Homeownership Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria II

Chair: John Gibson, University of Waikato

- *Consumption in Cities*, **Giulia Faggio**, University of Westminster; **Steve Gibbons**, London School of Economics
- *The Perception of Housing Lock and Unemployment*, **Daniel Ringo**, Board of Governors of the FRS
- *The Determinants of Housing and Neighborhood Satisfaction*, **Herman Li**, University of Nevada, Las Vegas
- *Home Ownership and Civics: Longitudinal Evidence on Whether Owners Are More Likely to Vote*, **John Gibson**, University of Waikato; **Steven Stillman**, University of Otago; **Bonggeun Kim**, Seoul National University

Discussants:

John Gibson, University of Waikato
Giulia Faggio, University of Westminster
Daniel Ringo, Board of Governors of the FRS
Herman Li, University of Nevada, Las Vegas

121. Transportation: Air and Freight Markets Saturday Nov 14 | 8:00 AM-10:00 AM | Galleria III

Chair: Marquise J. McGraw, Middlebury College

- *Investigation of Carriers' Ability to Transfer Toll Increases: An Empirical Analysis of Freight Agents' Relative Market Power*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute; **Wei Zou**, Rensselaer Polytechnic Institute
- *Measuring the Degree of Market Power for Privatized Airports with Non-Aviation Activities*, **Katsumi Tanabe**, Keio University
- *The Extensive Margin of Aviation Networks: Implications for Urban Development*, **Anca D. Cristea**, University of Oregon
- *Does Airport Size Matter? Hub Airports and Local Economic Outcomes*, **Marquise J. McGraw**, Middlebury College

Discussants:

Marquise J. McGraw, Middlebury College
Wei Zou, Rensselaer Polytechnic Institute
Katsumi Tanabe, Keio University
Anca D. Cristea, University of Oregon

122. Poster Session Saturday Nov 14 | 8:00 AM-10:00 AM | Grand Ballroom II

- *A Study on the Optimal Size of Medical Service Area: Spatial Competition Model Approach*, **Kiheiji Nishida**, Hyogo University of Health Sciences; **Tetsu Kawakami**, Kinki University
- *Regional Input-Output Analysis: A Cross Plate-Form Toolbox*, **Moez Kilani**, Université de Lille
- *The Impact of the Built Environment on Foreclosure*, **Jaewoong Won**, Texas A&M
- *Transit Growth Crime Effect: The Impact of Mass Transportation Hubs on Public Disorder and Fear of Crime*, **Valerie Spicer**, Simon Fraser University; **Justin Song**, Simon Fraser University
- *Testing the Medical Arms Race Hypothesis: A Spatial Approach*, **Robyn Kibler**, University of South Florida
- *An Empirical Study of the Relationships Between Urban Agglomeration, Inequality and Inclusive Wealth*, **Jue Yang**, Fujitsu Research Institute

123. Locational Aspects of Foreign Investment I Saturday Nov 14 | 8:00 AM-10:00 AM | Parlor C

Chair: Nicola Cortinovis, Utrecht University

- *Foreign Investments and the Territorial Dynamics of Innovation in Chile, Colombia and Mexico*, **Riccardo Crescenzi**, London School of Economics; **Alex Jaax**, London School of Economics
- *Multinational Enterprises and International Acquisitions*, **Andrea Ascani**, London School of Economics
- *Empirical Analysis of Penetration Rate of Refrigerator and Location Choice for Japanese Frozen Food Industry in East Asia*, **Maria Ikegawa**, University of Tsukuba; **Suminori Tokunaga**, Reitaku University
- *Proximity and Economic Growth: Space, Trade, FDI and Knowledge in European Regions*, **Nicola Cortinovis**, Utrecht University; **Frank Van Oort**, Utrecht University

Discussants:

Nicola Cortinovis, Utrecht University
Riccardo Crescenzi, London School of Economics
Andrea Ascani, London School of Economics
Maria Ikegawa, University of Tsukuba

124. Jobs, Firms, and Labor Markets I Saturday Nov 14 | 8:00 AM-10:00 AM | Senate Suite

Chair: Zhengyu Cai, Oklahoma State University

- *Human Capital and Firm Relocation: Why Footloose Firms Are a Rare Breed*, **Gintare Morkute**, University of Groningen; **Sierdjan Koster**, University of Groningen

- *Computerization of Jobs and Workers' Personality*, **Eckhardt Bode**, Kiel Institute for the World Economy; **Stephan Brunow**, Institute of Employment Research (IAB); **Ingrid Ott**, Karlsruhe Institute of Technology; **Alina Sorgner**, University of Jena
- *Long Lasting Labour Market Consequences of German Unification*, **Uwe Blien**, Institut fuer Arbeitsmarkt- und Berufsforschung; **Joachim Möller**, Institute of Employment Research (IAB); **Van Phan-thi-Hong**, Institute of Employment Research (IAB); **Stephan Brunow**, Institute of Employment Research (IAB)
- *Hours Worked of the Self-Employed and Agglomeration*, **Zhengyu Cai**, Oklahoma State University

Discussants:

Zhengyu Cai, Oklahoma State University
Gintare Morkute, University of Groningen
Eckhardt Bode, Kiel Institute for the World Economy
Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung

125. Health and Development Saturday Nov 14 | 8:00 AM-10:00 AM | Studio Suite

Chair: **Rhiannon Jerch**, Cornell University

- *Out-of-Pocket Expenditures in Health: A Regional Perspective for Colombia*, **Javier Perez**, Banco de la Republica, Colombia; **Alejandro Silva-Urieña**,
- *A Regional Economic Analysis of Certificate-of-Need Requirements and Health Care Facility Expansions*, **Christopher Yencha**, West Virginia University
- *2006 Massachusetts Health Care Reform and Its Impact on Sources of Insurance Coverage*, **Abdul Munasib**, University of Georgia; **Devesh Roy**, IFPRI; **Mouhcine Guettabi**, University of Alaska, Anchorage; **Jeffrey Jordan**, University of Georgia
- *Access versus Choice: Testing the "Food Desert" Construct*, **Rhiannon Jerch**, Cornell University; **Kathy Baylis**, University of Illinois, Urbana-Champaign; **Sahan Dissanyake**, Colby College

Discussants:

Rhiannon Jerch, Cornell University
Javier Perez, Banco de la Republica, Colombia
Christopher Yencha, West Virginia University
Abdul Munasib, University of Georgia

126. Location/Spatial Modeling I Saturday Nov 14 | 8:00 AM-10:00 AM | Parlor B

Organizers: **Alan Murray**, Drexel University; **Ran Wei**, University of Utah

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

- *An Integrated Classification Scheme for Mapping Estimates and Errors of Estimation from the American Community Survey*, **Ran Wei**, University of Utah; **Daoqin Tong**, University of Arizona
- *Optimal Allocation of Area in Hierarchical Road Networks*, **Masashi Miyagawa**, University of Yamanashi
- *Geospatial Approach for Evaluating Potential Impacts and Improving Response Readiness for Coastal Communities to Hydrocarbon Spills*, **Jake R. Nelson**, Arizona State University; **Tony H. Grubestic**, Arizona State University; **Lawrence Sim**, Department of Energy; **Kelly Rose**, Department of Energy
- *TRANSMAX II: An Alternative Formulation for Solving Maximal Covering Shortest Path Problems*, **Richard L. Church**, University of California, Santa Barbara; **Timothy Niblett**, University of California, Santa Barbara

Discussants:

Hyun Kim, University of Tennessee
Daisuke Watanabe, Tokyo University of Marine Science and Technology
James Gaboardi, Florida State University
Alan Murray, Drexel University

127. UEA 08A: Trade & Welfare Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway I

Chair: **Leo Feler**, Johns Hopkins University

- *How Deep is Your Love? A Quantitative Spatial Analysis of the Transatlantic Trade Partnership*, **Oliver Krebs**, University of Würzburg; **Michael Paul Pflüger**, University of Würzburg
- *Internal Geography, Labor Mobility, and the Distributional Impacts of Trade*, **Jingting Fan**, University of Maryland

- *Trade Shocks and the Provision of Local Public Goods*, **Leo Feler**, Johns Hopkins University; **Mine Z. Senses**, Johns Hopkins University

Discussants:

Leo Feler, Johns Hopkins University
Michael Paul Pflüger, University of Würzburg
Jingting Fan, University of Maryland

128. UEA 08B: Land Use Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway II

Chair: Hans Koster, VU University Amsterdam

- *The Urban Economics of Retail*, **Coen N. Teulings**, University of Cambridge; **Ioulia V. Ossokina**, CPB Netherlands Bureau for Economic Policy Analysis
- *Job Decentralization, Subcenter Formation and Public Transportation*, **Miquel-Àngel Garcia-López**, Universitat Autònoma de Barcelona; **Camille Hemet**, Paris School of Economics; **Elisabet Viladecans-Marsal**, Universitat de Barcelona
- *Zoning and the Economic Geography of Cities*, **Allison Shertzer**, University of Pittsburgh; **Tate Twinam**, University of Washington, Bothell; **Randall Phillip Walsh**, University of Pittsburgh
- *Land Use Planning, Urban Spatial Structure and the Office Market: Evidence from Blitz Bombings*, **Gerard Dericks**, Oxford University; **Hans Koster**, VU University Amsterdam

Discussants:

Hans Koster, VU University Amsterdam
Ioulia V. Ossokina, CPB Netherlands Bureau for Economic Policy Analysis
Miquel-Àngel Garcia-López, Universitat Autònoma de Barcelona
Tate Twinam, University of Washington, Bothell

129. UEA 08C: Local Labor Markets IV Saturday Nov 14 | 8:00 AM-10:00 AM | Broadway III

Chair: Mark van Duijn, University of Groningen

- *Regional Payroll Tax Cuts and Individual Wages: Heterogeneous Effects Across Sectors and Education Levels*, **Hildegunn E. Stokke**, Norwegian University of Science and Technology
- *Micro-Regional Evidence on Financial-Crisis Effects*, **Maximilian von Ehrlich**, University of Bern
- *Dynamic Responses to Labor Demand Shocks: Evidence from the Financial Industry in Delaware*, **Russell Weinstein**, Rensselaer Polytechnic Institute
- *Moving Costs and the Location Choice of Dutch Households*, **Mark van Duijn**, University of Groningen

Discussants:

Mark van Duijn, University of Groningen
Hildegunn E. Stokke, Norwegian University of Science and Technology
Maximilian von Ehrlich, University of Bern
Russell Weinstein, Rensselaer Polytechnic Institute

10:00 AM-10:30 AM

Coffee Break Saturday Nov 14 | 10:00 AM-10:30 AM | Grand Ballroom Foyer

10:30 AM-12:00 PM

130. Agricultural Production and Trade II Saturday Nov 14 | 10:30 AM-12:00 PM | Cabinet Suite

Chair: Sandy Dall Erba, University of Illinois

- *Agricultural Trade and the Spatial Allocation of Farmers: Implications for Deforestation in Brazil*, **Heitor Sandes Pellegrina**, Brown University
- *Crop Diversification: Does Neighbourhood matter?*, **Sophie Legras**, INRA; **Rachel Guillain**, Université de Bourgogne; **Elsa Martin**, Agrosup Dijon
- *The Impact of Urbanization on China's Regional Agricultural Production*, **Xiaofei Li**, Purdue University; **Raymond J. G. M. Florax**, Purdue University

- *The Impact of Climate Change on Agriculture in the Southwestern United States: The Ricardian Approach Revisited*, **Sandy Dall Erba**, University of Illinois; **Francina Dominguez**, University of Illinois, Urbana-Champaign

Discussants:

Sandy Dall Erba, University of Illinois
Heitor Sandes Pellegrina, Brown University
Sophie Legras, INRA
Xiaofei Li, Purdue University

131. Industry Linkages and Structure Saturday Nov 14 | 10:30 AM-12:00 PM | Council Suite

Chair: Jonathon P. Lecznar, Boston University

- *Inter-Industry Linkages and Comovement of Entrepreneurship*, **Jiaochen Liang**, Pennsylvania State University
- *Agglomeration Economies and Regional Industrial Structure in China: An Analysis of Firm-Level Productivity*, **Zhi Li**, University of Maryland, College Park
- *Agglomeration, Knowledge Spillover and R&D Intensity of Chinese Firms*, **Yu Qiao**, University of Maryland, College Park
- *Industrial Similarity as a Source of Output Comovement Among U.S. States*, **Jonathon P. Leczna**r, Boston University

Discussants:

Jonathon P. Lecznar, Boston University
Jiaochen Liang, Pennsylvania State University
Zhi Li, University of Maryland, College Park
Yu Qiao, University of Maryland, College Park

132. Economic Growth Factors Saturday Nov 14 | 10:30 AM-12:00 PM | Directors Suite

Chair: Richard Martin, University of Georgia

- *Economic Growth in Colombian Municipalities: The Role of Spatial Externalities, Human and Physical Capital*, **Luis A. Galvis**, Banco de la Republica, Colombia; **Lucas Wilfried Hahn-De-Castro**, Banco de la Republica
- *Why Growth Rates Are So Small in Mexico? A Regional Assessment with Dynamic Panel Data and GMM Procedures*, **Vicente German-Soto**, Universidad Autonoma de Coahuila; **Luis Gutiérrez Flores**, Universidad Autónoma de Coahuila
- *An Analysis of Growth Drag in China*, **Junbo Xue**, China Academy of Science; **Zhenhua Chen**, University of Southern California; **Zheng Wang**, Institute of Policy and Management
- *Overcoming Deindustrialization: Economic Growth in Manufacturing-Based U.S. Cities, 1960-2000*, **Richard Martin**, University of Georgia

Discussants:

Richard Martin, University of Georgia
Luis A. Galvis, Banco de la Republica, Colombia
Vicente German-Soto, Universidad Autonoma de Coahuila
Junbo Xue, China Academy of Science

133. Spatial Analysis: Methods II Saturday Nov 14 | 10:30 AM-12:00 PM | Executive Suite

Chair: Sergio J. Rey, Arizona State University

- *Continuous and Discrete Spatial Heterogeneity: Modeling Strategies and Simulation*, **Mauricio Sarrias**, Cornell University
- *A Parallelized Bayesian Spatial Autoregressive Panel Probit Model*, **Amy Speer Hughes**, UTSW; **Yongwan Chun**, University of Texas, Dallas; **Tammy Leonard**, University of Dallas; **Dohyeong Kim**, University of Texas, Dallas; **Daniel A. Griffith**, University of Texas, Dallas; **Sandi L. Pruitt**, University of Texas Southwestern Medical Center
- *Discrete Choice with Interdependencies: A Spatial Binary Probit Model with Endogenous Weight Matrix*, **Yiwei Zhou**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute

- *The Properties of Tests for Spatial Effects in Discrete Markov Chain Models of Regional Income Distribution Dynamics*, **Sergio J. Rey**, Arizona State University; **Wei Kang**, Arizona State University; **Levi J. Wolf**, Arizona State University

Discussants:

Sergio J. Rey, Arizona State University
Mauricio Sarrias, Cornell University
Amy Speer Hughes, UTSW
Xiaokun Wang, Rensselaer Polytechnic Institute

134. Segregation and Interaction II Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria I

Chair: Janice Fanning Madden, University of Pennsylvania

- *The Cultural Ripple Tank: Modelling Dynamic Regional Cultural Change via a Survey and Adaptation of Non-Economic Models*, **Brian J. Osoba**, Central Connecticut State University
- *Does Public School Consolidation Generate Peer Effects? Evidence from Ohio and Texas*, **Olivier Parent**, University of Cincinnati; **David Brasington**, University of Cincinnati
- *Neighborhood Sorting and School Segregation*, **Gregorio S. Caetano**, University of Rochester; **Hugh Macartney**, Duke University
- *The Anatomy of Declining Racial Segregation*, **Janice Fanning Madden**, University of Pennsylvania

Discussants:

Janice Fanning Madden, University of Pennsylvania
Brian J. Osoba, Central Connecticut State University
Olivier Parent, University of Cincinnati
Gregorio S. Caetano, University of Rochester

135. Land Use and Housing Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria II

Chair: Nij Tontisirin, Thammasat University

- *The Impact of Industrial Risk Regulation on Local Housing Markets: Evidence from a French Policy Change*, **Marianne Bléhaut**, Paris Sud University; **Amélie Mauroux**, Paris Dauphine University
- *Land-Use Regulation and the Production of Affordable Housing*, **Lewis James Lehe**, University of California - Berkeley
- *Have Externality of Factories Been Underestimated? A Random Bid-Rent Approach Using a Spatial Population Distribution*, **Ryo Itoh**, Tohoku University
- *Industrial Estates and Urban Transformation: A Case Study of Ayutthaya*, **Nij Tontisirin**, Thammasat University; **Sukhonthamas Jenjit**, Thammasat University

Discussants:

Nij Tontisirin, Thammasat University
Marianne Bléhaut, Paris Sud University
Lewis James Lehe, University of California - Berkeley
Ryo Itoh, Tohoku University

136. Transportation: Motor Vehicles Saturday Nov 14 | 10:30 AM-12:00 PM | Galleria III

Chair: Aneil Baron

- *Freeway Speed, Weather Conditions and Traffic Accidents: A Case Study of the Buffalo Metropolitan Area*, **Ha Hwang**, University at Buffalo, SUNY; **Jiyoung Park**, University at Buffalo, SUNY
- *Developing an Estimation Tool for Nova Scotia's Fuel Consumption and Vehicle Emissions from the Passenger Road Transportation Sector*, **Spencer Matheson**, Dalhousie University; **Muhammad Ahsanul Habib**, Dalhousie University
- *MPG and the City: Do Residents Select Fuel Economy Depending on Location?*, **Aneil Baron**; **Matthew Roberts**, Ohio State University

Discussants:

Aneil Baron
Jiyoung Park, University at Buffalo, SUNY
Spencer Matheson, Dalhousie University

137. Locational Aspects of Foreign Investment II Saturday Nov 14 | 10:30 AM-12:00 PM | Parlor C

Chair: Frank Van Oort, Utrecht University

- *Spatial Patterns and Locational Determinants of Foreign Direct Investment in Central China: Market Potentials, Localization Economies, and the Wuhan Economic Circle in Hubei Province*, **Hao Huang**, University of Utah
- *Empirical Analysis of Location Choice for Japanese MNCs in East Asia*, **Suminori Tokunaga**, Reitaku University; **Maria Ikegawa**, University of Tsukuba; **Yuko Akune**, Reitaku University
- *Location Decisions of Chinese Multinationals in Europe: The Role of Overseas Communities*, **Frank Van Oort**, Utrecht University; **Bas Karreman**, Erasmus University Rotterdam; **Martijn Burger**, Erasmus University Rotterdam

Discussants:

Frank Van Oort, Utrecht University

Hao Huang, University of Utah

Suminori Tokunaga, Reitaku University

138. Jobs, Firms, and Labor Markets II Saturday Nov 14 | 10:30 AM-12:00 PM | Senate Suite

Chair: Chun Kuang, George Washington University

- *Bayesian Estimation of Labor Demand by Age: Regularity Conditions and an Application to an Input-Output Model*, **Kijin Kim**, University of Illinois, Urbana-Champaign; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign
- *Education and Labor Market Outcomes of Highly Educated Immigrants: Does the Name Matter?*, **Dafeng Xu**, Cornell University
- *Skill-Biased Technological Change in Cities and Residential Mobility Costs*, **Jessica Hug**, University of Geneva
- *Why Does the Return to Experience Vary Across Cities?*, **Chun Kuang**, George Washington University

Discussants:

Chun Kuang, George Washington University

Kijin Kim, University of Illinois, Urbana-Champaign

Dafeng Xu, Cornell University

Jessica Hug, University of Geneva

139. Location/Spatial Modeling II Saturday Nov 14 | 10:30 AM-12:00 PM | Parlor B

Organizers: Alan Murray, Drexel University; **Ran Wei**, University of Utah

Chair: Alan Murray, Drexel University

- *Assessing Vulnerability of Mass Transit Systems Using Reliable Paths Problems*, **Hyun Kim**, University of Tennessee
- *A Study on Analyzing the Road Network Pattern of Major Cities in U.S. Using Proximity Graphs*, **Daisuke Watanabe**, Tokyo University of Marine Science and Technology
- *U.S. Airline Deregulation: Exploring Spatiotemporal Distribution of Air Fares by Airports and Associated Flight Segments*, **Fangwu Wei**, Drexel University; **Tony H. Grubestic**, Arizona State University
- *Residential Lighting Assessment*, **Alan Murray**, Drexel University; **Xin Feng**, Drexel University

Discussants:

F. Antonio Medrano, University of California, Santa Barbara

Masashi Miyagawa, University of Yamanashi

Daoqin Tong, University of Arizona

Mark Horner, Florida State University

140. Land: Prices, Transitions, and Affordability Saturday Nov 14 | 10:30 AM-12:00 PM | Studio Suite

Chair: Kevin Kane, University of California, Irvine

- *Contextualizing Location Affordability: Urban Sprawl and Foreclosure*, **Ann Hartell**
- *Market Thinness, Income Sorting and Leapfrog Development Across the Urban-Rural Gradient*, **Yong Chen**, Oregon State University; **Elena G. Irwin**, Ohio State University; **Ciriyam Jayaprakash**, Ohio State University; **Dan E. Shaffer**, Ohio State University
- *Flood Impact on Neighborhood House Prices: A Spatial Quantile Regression Analysis*, **Lei Zhang**, North Dakota State University

- *Hazards of Change: A Survival Analysis of Agricultural Land Development in Central Arizona*, **Kevin Kane**, University of California, Irvine; **Abigail M. York**, Arizona State University

Discussants:

Kevin Kane, University of California, Irvine
Ann Hartell
Yong Chen, Oregon State University
Lei Zhang, North Dakota State University

141. Regional and Urban Issues in Latin America: Informality and Development Saturday Nov 14 | 10:30 AM-12:00 PM | Forum Suite

Organizers: **Rosella Nicolini**, Universitat Autònoma de Barcelona; **José Luis Roig**; **Ivan Muñiz**, Universitat Autònoma de Barcelona; **Miquel-Àngel Garcia-López**, Universitat Autònoma de Barcelona

Chair: **José Luis Roig**

- *Informal Employment and Informal Housing in Latin America: Theory, Facts and Ideas for a Unified Framework*, **Ana Isabel Moreno-Monroy**, Universitat Rovira i Virgili; **Hécor Mauricio Posada**, Universidad de Antioquia
- *Spatial Spillover Effects on Labor Market Outcomes: The Case of Metropolitan Area of Mexico City*, **Sayuri A. Koike**, Universitat Autònoma de Barcelona
- *Agglomeration Economies in the Presence of an Informal Sector: The Colombian Case*, **Gustavo A. García**, Universidad de los Andes
- *Co-agglomeration and Backward-Forward Linkage: A Spatial Analysis of Prospective Investment in the Brazilian Economy*, **Bruno de Oliveira Cruz**, IPEA; **Iuri Vladimir Queiroz**, IPEA

Discussants:

Rafael González-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
Albert Saiz, Massachusetts Institute of Technology
Harris Selod, World Bank
David Cuberes, Clark University

142. UEA 09A: Banking and Broadband Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway I

Chair: **Yongqiang Chu**, University of South Carolina

- *Finance and Urbanization in Early Nineteenth-Century New York*, **David Cuberes**, Clark University; **Howard Bodenhorn**, Clemson University
- *Broadband Diffusion and Firm Performance in Rural Areas: Quasi-Experimental Evidence*, **Simone Schueller**, FBK-IRVAPP & IZA; **Giulia Canzian**, FBK-IRVAPP; **Samuele Poy**, Transcrime-Università Cattolica del Sacro Cuore
- *Changing the Climate for Banking: The Economic Effects of Credit in a Climate-Vulnerable Area*, **Daniel Da Mata**, Institute of Applied Economic Research; **Guilherme Resende**, Institute of Applied Economic Research
- *Bank Competition, Credit Supply, and Risk-Taking: Evidence from the Real Estate Market*, **Yongqiang Chu**, University of South Carolina

Discussants:

Yongqiang Chu, University of South Carolina
David Cuberes, Clark University
Simone Schueller, FBK-IRVAPP & IZA
Daniel Da Mata, Institute of Applied Economic Research

143. UEA 09B: Urban Theory II Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway II

Chair: **Cecile Gaubert**, University of California, Berkeley

- *The Size of Cities*, **Jordan Rappaport**, Federal Reserve Bank of Kansas City
- *The Emergence of Coagglomeration*, **Arthur O'Sullivan**, Lewis & Clark College
- *Barriers to Migration in a System of Cities*, **Nathan Seegert**, University of Utah
- *Welfare Gains from Interregional Mobility*, **Cecile Gaubert**, University of California, Berkeley

Discussants:

Cecile Gaubert, University of California, Berkeley
Jordan Rappaport, Federal Reserve Bank of Kansas City

Arthur O'Sullivan, Lewis & Clark College
Nathan Seegert, University of Utah

144. UEA 09C: Home Prices and Mortgages Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway III

Chair: Jan Rouwendal, Free University, Amsterdam

- *How Much Do UK Buy-To-Let Investors Pay for Houses?*, **Philippe Bracke**, Bank of England
- *The Effect of Mortgage Credit Availability on House Prices and Investment: Evidence from a Frontier Estimation Approach*, **Elliot Anenberg**, Board of Governors of the FRS
- *Local House Price Diffusion*, **Jeffrey Zabel**, Tufts University
- *Measuring Diverging House Prices*, **Jan Rouwendal**, Free University, Amsterdam

Discussants:

Jan Rouwendal, Free University, Amsterdam
Philippe Bracke, Bank of England
Elliot Anenberg, Board of Governors of the FRS
Jeffrey Zabel, Tufts University

145. UEA 09D: Cities in Developing Countries Saturday Nov 14 | 10:30 AM-12:00 PM | Broadway IV

Chair: Yong Suk Lee, Stanford University

- *Urban-Rural Migration and Congestion Costs Revisited: Is There a Triple Dividend for Cities in Developing Countries?*, **Torben Klarl**, Ulm University
- *Political Budget Cycles and Incentives --Evidence from Prefectural Cities in China*, **Jie Xiao**, Peking University; **Qinghua Zhang**, Peking University; **Brian Knight**, Brown University; **Liutang Gong**, Peking University
- *Countering Sanctions: The Unequal Geographic Impact of Economic Sanctions in North Korea*, **Yong Suk Lee**, Stanford University

Discussants:

Yong Suk Lee, Stanford University
Torben Klarl, Ulm University
Jie Xiao, Peking University

12:30 PM-2:30 PM

NARSC Awards Luncheon Saturday Nov 14 | 12:30 PM-2:30 PM | Grand Ballroom I

2:45 PM-4:45 PM

146. Sustainable Development and Resilience Saturday Nov 14 | 2:45 PM-4:45 PM | Cabinet Suite

Chair: Amit Batabyal, Rochester Institute of Technology

- *Labor Market Resilience and Re-orientation in Disaster Scenarios*, **Benjamin A. Jara Valencia**, Ohio State University; **Alessandra Faggian**, Ohio State University
- *Urban Economic Analysis of Land Use Change by Information Provision for Nankai Trough Huge Earthquake in Japan*, **Yuzuru Miyata**, Toyohashi University of Technology; **Hiroyuki Shibusawa**, Toyohashi University of Technology; **Kentaro Mizuno**, Toyohashi University of Technology
- *Business Incentives vs. Sustainable Community Development Strategies: Environment and Equity Goals Explain the Difference*, **Xue Zhang**, Cornell University; **Mildred E. Warner**, Cornell University
- *Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism*, **Amit Batabyal**, Rochester Institute of Technology

Discussants:

Amit Batabyal, Rochester Institute of Technology
Benjamin A. Jara Valencia, Ohio State University
Yuzuru Miyata, Toyohashi University of Technology
Xue Zhang, Cornell University

147. Bricks and Mortar v. The Cloud Saturday Nov 14 | 2:45 PM-4:45 PM | Council Suite

Chair: Andrea Chegut, Massachusetts Institute of Technology

- *Spatial Price Discrimination with Online Competition*, **Fu-Chuan Lai**, Academia Sinica; **Guo Wen-Chung**, National Taipei University
- *Spatial Competition vs. Spatial Agglomeration? Concentration and Clustering in the Dutch Retail Sector*, **Ilias Pasidis**, University of Barcelona; **Hans Koster**, VU University Amsterdam
- *Two Analyses of Geographic Pricing Competition: Brick-and-Mortar vs. Brick-and-Mortar and Online vs. Two Brick-and-Mortar Stores*, **Charles Ingene**, University of Oklahoma; **Amiya Basu**, Syracuse University
- *The Economics Behind the Cloud: The Value of Real Estate Capital Serving the Digital Demand*, **Andrea Chegut**, Massachusetts Institute of Technology

Discussants:

Andrea Chegut, Massachusetts Institute of Technology

Fu-Chuan Lai, Academia Sinica

Ilias Pasidis, University of Barcelona

Charles Ingene, University of Oklahoma

148. Urban and Regional Economic Development Saturday Nov 14 | 2:45 PM-4:45 PM | Directors Suite

Chair: Mark Partridge, Ohio State University

- *Establishment Size Structure and Economic Performance in U.S. Metropolitan Areas, 2001-2013*, **Michael Chohaney**, University of Toledo; **Oleg A. Smirnov**, University of Toledo
- *A Quasi-Experimental Approach to Measuring Industrial Agglomeration and Regional Productivity in U.S. Manufacturing, 1990-2012*, **Ayoung Kim**, Purdue University; **Michael S. Delgado**, Purdue University; **Raymond J. G. M. Florax**, Purdue University
- *Entrepreneurship and Social Capital in Cities: The Determinants of Regional Advantage*, **Jae Beum Cho**, Cornell University
- *Are the Most Productive Regions Necessarily the Most Successful?*, **Mark Partridge**, Ohio State University; **Mike Betz**, Ohio State University; **Alexandra A. Tsvetkova**, Ohio State University

Discussants:

Mark Partridge, Ohio State University

Michael Chohaney, University of Toledo

Ayoung Kim, Purdue University

Jae Beum Cho, Cornell University

149. GIS and Spatial Analysis Saturday Nov 14 | 2:45 PM-4:45 PM | Executive Suite

Chair: Brian Blankespoor, World Bank

- *Using Double Kernel Density Smoothing to the Analysis of Attributeless Point-Based Datasets*, **Boris A. Portnov**, University of Haifa
- *Space-time polygon cluster detection using modified Mahalanobis Distance: A case study of Michigan immunization exemption rates*, **Monghyeon Lee**, University of Texas, Dallas
- *Mapping Huff Measures- A Computer Program of Spatial Analysis*, **Joao F. de Abreu**, Pontifical Catholic University of Minas Gerais; **Guilherme Moravia**, Pontifical Catholic University of Minas Gerais; **Eduardo F. Martins**, Pontifical Catholic University of Minas Gerais
- *Gridding Economic Activity*, **Brian Blankespoor**, World Bank; **Johan Rivera Fuentes**, World Bank; **Paul Baptiste Blanchard**, World Bank; **Rashmin Gunasekera**, World Bank; **Oscar Anil Ishizawa**, World Bank; **Luis Felipe Jimenez Salazar**, World Bank

Discussants:

Brian Blankespoor, World Bank

Boris A. Portnov, University of Haifa

Monghyeon Lee, University of Texas, Dallas

Joao F. de Abreu, Pontifical Catholic University of Minas Gerais

150. Migration and the City Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria I

Chair: Martin Korpi, Ratio Institute

- *Up and Down the Urban Hierarchy: Productivity Gain vs. Price Effect of Cities*, **Diana Gutiérrez-Posada**, University of Oviedo; **Dusan J. C. Paredes**, Universidad Catolica del Norte; **Fernando Rubiera-Morollón**, University of Oviedo
- *Inter-city Movements of Migrant Workers in China: the Duration of Stay and Settlement Intentions in the Host Cities*, **Zheng Tian**, Capital University of Economics and Business; **Ming Tian**, Beijing Normal University; **Brian Cushing**, West Virginia University
- *Toward the Urban Life: Does English Proficiency Matter?*, **Dafeng Xu**, Cornell University
- *Migration, Careers and the Urban Wage Premium: Does Human Capital Matter?*, **Martin Korpi**, Ratio Institute; **William A.V. Clark**, University of California, Los Angeles

Discussants:

Martin Korpi, Ratio Institute

Diana Gutiérrez-Posada, University of Oviedo

Zheng Tian, Capital University of Economics and Business

Dafeng Xu, Cornell University

151. Land Use Restriction and Regulation Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria II

Chair: Eilya Torshizian, Auckland Council/The University of Auckland

- *Spatial Planning and the Segmentation of the Land Market*, **Or Levkovich**, VU University; **Jan Rouwendal**, Free University, Amsterdam
- *The Evolution of Municipal Structure*, **Junjie Wu**, Oregon State University; **Yong Chen**, Oregon State University
- *Do Stringent Quotas Slow Down Construction Land Expansion in China?*, **Li Fang**, University of Maryland, College Park
- *Are We Limiting Regional Development by Imposing Planning Permissions?*, **Eilya Torshizian**, Auckland Council/The University of Auckland

Discussants:

Eilya Torshizian, Auckland Council/The University of Auckland

Or Levkovich, VU University

Yong Chen, Oregon State University

Li Fang, University of Maryland, College Park

152. Transportation: Applications and Methods Saturday Nov 14 | 2:45 PM-4:45 PM | Galleria III

Chair: Michael L. Lahr, Rutgers University

- *The Influencing Factors of Load Factor for Freight Vehicles in New York State*, **Wei Zou**, Rensselaer Polytechnic Institute; **Xiaokun Wang**, Rensselaer Polytechnic Institute; **José Holguín-Veras**, Rensselaer Polytechnic Institute
- *An Empirical Analysis of Freight Carriers' Bundled Choices Given Toll Changes*, **Xiaokun Wang**, Rensselaer Polytechnic Institute; **Dapeng Zhang**, Rensselaer Polytechnic Institute
- *Influence of Attribute Variation on Pairwise Comparison of Alternatives: Scaling Approach to Random Regret Models*, **Sunghoon Jang**, Eindhoven University of Technology; **Soora Rasouli**, Eindhoven University of Technology; **Harry Timmermans**, Eindhoven University of Technology
- *The Potential Economic Impacts of the Proposed Development Corridor in Egypt: A Spatial CGE Approach*, **Dina Elshahawany**; **Eduardo A. Haddad**, FEA-USP; **Michael L. Lahr**, Rutgers University

Discussants:

Michael L. Lahr, Rutgers University

Sunghoon Jang, Eindhoven University of Technology

Xiaokun Wang, Rensselaer Polytechnic Institute

Wei Zou, Rensselaer Polytechnic Institute

153. Innovation and Dissemination of Knowledge Saturday Nov 14 | 2:45 PM-4:45 PM | Parlor C

Chair: Roberta Capello, Politecnico di Milano

- *Interregional Inventor Collaboration and the Commercial Value of Patented Inventions: Evidence from the U.S. Biopharmaceutical Industry*, **Zafer Sonmez**, University of Illinois, Chicago

- *Impact of Knowledge Management Strategies on Firm-Level Innovation in the United States*, **Kathryn R. Dotzel**, Ohio State University
- *Persistence and Evolution in Regional Learning Paradigms and Trajectories: Towards a Dynamic Theory of Territorial Patterns of Innovation*, **Roberta Capello**, Politecnico di Milano; **Camilla Lenzi**, Politecnico di Milano

Discussants:

Roberta Capello, Politecnico di Milano
Zafer Sonmez, University of Illinois, Chicago
Kathryn R. Dotzel, Ohio State University

154. Development and Demographic Change Saturday Nov 14 | 2:45 PM-4:45 PM | Senate Suite

Chair: Keisuke Kondo, Research Institute of Economy, Trade and Industry

- *The Influence of Geography and Regional Unemployment on Marriage and Divorce*, **Rafael González-Val**, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB); **Miriam Marcén**, University of Zaragoza
- *Household Social Identities, Regional Economic Development and Gender Educational Disparities in China: Evidence from a Multi-Level Analysis*, **Xueji Wang**, University of North Carolina, Charlotte; **Jean-Claude F. Thill**, University of North Carolina, Charlotte
- *The Estimation of Effects of Subprime Mortgage for Improving the Farmland Pension System Using Intervention Time Series Model*, **Deokho Cho**, Daegu University
- *Does Agglomeration Discourage Fertility? Evidence from the Japanese General Social Survey 2000-2010*, **Keisuke Kondo**, Research Institute of Economy, Trade and Industry

Discussants:

Keisuke Kondo, Research Institute of Economy, Trade and Industry
Rafael González-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
Xueji Wang, University of North Carolina, Charlotte
Deokho Cho, Daegu University

155. Health and Poverty Saturday Nov 14 | 2:45 PM-4:45 PM | Studio Suite

Chair: Yanan Li, Cornell University

- *PSF Impact on Child Mortality in Brazilian Municipalities (1993/2012)*, **Suzana Quinet Bastos**, Universidade Federal de Juiz de Fora; **Bruno Gomes**, Universidade Federal de Juiz de Fora
- *A Social-Ecological Framework to Examine Effects of Environmental Opportunities and Barriers on Hispanic Children's Health*, **Yuchen Cui**, University of Maryland; **Jessica Guo**, Parsons Brinckerhoff; **Margarita Santiago-Torres**, Fred Hutchinson Cancer Research Center; **Dale Schoeller**, University of Wisconsin, Madison; **Sarah Esmond**, University of Wisconsin, Madison; **David Allen**, University of Wisconsin, Madison; **Aaron Carrel**, University of Wisconsin, Madison
- *Education, Poverty, and the Algerian Border: Spatial Perspectives in Morocco*, **Matthew Lehnert**, University of Toledo
- *Does Health Shock Have Persistent Effects in Developing Countries?*, **Yanan Li**, Cornell University

Discussants:

Yanan Li, Cornell University
Suzana Quinet Bastos, Universidade Federal de Juiz de Fora
Yuchen Cui, University of Maryland
Matthew Lehnert, University of Toledo

156. Capital and Development Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway IV

Chair: Tüzün Baycan, Istanbul Technical University

- *Local Public Employment Agencies and Unemployment Exit. Insight from a French Quasi-Experiment*, **Mathieu Bunel**, University of Burgundy; **Elisabeth Tovar**, University Paris West
- *Measuring Regional Inclusive Wealth: The Case of West Virginia Counties*, **Hodjat Ghadimi**, West Virginia University
- *A Programming Framework for the Collaborative Development of Regional Strategic Planning Models*, **Brian Gregor**, Oregon Analytics; **Tara Weidner**, Oregon Department of Transportation; **Jeremy Raw**, U.S. Department of Transportation

- *The Dark Side of Social Capital: A Regional Perspective*, **Tüzin Baycan**, Istanbul Technical University; **Özge Öner**, Jönköping International Business School

Discussants:

Tüzin Baycan, Istanbul Technical University
Elisabeth Tovar, University Paris West
Hodjat Ghadimi, West Virginia University
Brian Gregor, Oregon Analytics

157. Session in Memory of Walter Isard Saturday Nov 14 | 2:45 PM-4:45 PM | Forum Suite

Organizers: **Adam Rose**, University of Southern California; **Marlon G. Boarnet**, University of Southern California; **Kieran Donaghy**, Cornell University; **Peter Nijkamp**, VU University Amsterdam; **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign

Chair: **Adam Rose**, University of Southern California

- *Upgrading Inter-municipal Water Infrastructure Systems in Hudson River Communities: A Problem for Isardian Regional Science*, **Kieran Donaghy**, Cornell University; **Arash Beheshtian**, Cornell University; **Jati Waluyo**, Cornell University; **Javier Perez-Burgos**, University of the Andes; **Terry L. Friesz**, Pennsylvania State University
- *First/Last Mile Transit Access as an Equity Issue*, **Marlon G. Boarnet**, University of Southern California; **Genevieve Giuliano**, University of Southern California; **Yuting Hou**, University of Southern California; **Eun Jin Shin**, University of Southern California
- *The Road from Marshall via Isard to Porter - The Concept of Effective Clusters*, **Peter Nijkamp**, VU University Amsterdam; **Karima Kourtit**, KTH Royal Institute of Technology; **Waldemar Ratajczak**, Adam Mickiewicz University
- *The Spatial Structure of the Economy: The Role of Interregional Trade*, **Geoffrey J.D. Hewings**, University of Illinois, Urbana-Champaign

Discussants:

David Boyce, University of Illinois, Chicago
Roger Bolton, Williams College

158. Location/Spatial Modeling III Saturday Nov 14 | 2:45 PM-4:45 PM | Parlor B

Organizers: **Alan Murray**, Drexel University; **Ran Wei**, University of Utah

Chair: **Daoqin Tong**, University of Arizona

- *GIS Raster Data for Multi-Objective Shortest Path Analysis: The Elephant in the Room*, **F. Antonio Medrano**, University of California, Santa Barbara; **Richard L. Church**, University of California, Santa Barbara
- *A Spatial Econometric Analysis of the Distribution of Farmers' Markets in the United States*, **Wangshu Mu**, University of Arizona; **Daoqin Tong**, University of Arizona; **Sandy Dall Erba**, University of Illinois
- *A Spatial Optimization Modeling Approach for Special Needs Shelter Placement Serving the Aging Population: A Florida Case Study*, **Mark Horner**, Florida State University; **Eren Ozguven**, Florida State University; **Jean-Michael Marcelin**, Florida State University; **Ayberk Kocatepe**, Florida State University
- *Network-Based Model Building for Discrete Location Allocation in Python: Integrating PySAL and Gurobi*, **James Gaboardi**, Florida State University; **David Folch**, Florida State University

Discussants:

Jake R. Nelson, Arizona State University
Fangwu Wei, Drexel University
Richard L. Church, University of California, Santa Barbara
Ran Wei, University of Utah

159. UEA 10A: Urban Structure, Trade and Welfare Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway I

Chair: **Daniel Murphy**, University of Virginia

- *Cities in Bad Shape: Urban Geometry in India*, **Mariaflavia Harari**, Massachusetts Institute of Technology
- *Local Labor Markets Effects of Trade Policy Uncertainty: Evidence from China's WTO Accession*, **Andrei Victor Potlogea**, Pompeu Fabra University; **Wenya Cheng**, University of Manchester
- *Measuring the Stringency of Land-Use Regulation and Its Determinants: The Case of China's Building-Height Limits*, **Jan Brueckner**, University of California, Irvine; **Shihe Fu**, Southwestern University of Finance and Economics; **Yizhen Gu**, University of California - Berkeley; **Junfu Zhang**, Clark University

- *Welfare Consequences of Asymmetric Growth*, **Daniel Murphy**, University of Virginia

Discussants:

Daniel Murphy, University of Virginia
Mariaflavia Harari, Massachusetts Institute of Technology
Andrei Victor Potlogea, Pompeu Fabra University
Junfu Zhang, Clark University

160. UEA 10B: Transportation *Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway II*

Chair: Jonathan Hall, University of Toronto

- *Vickrey Meets Alonso: Commute Scheduling and Congestion in a Monocentric City*, **Mogens Fosgerau**, Technical University of Denmark; **Jinwon Kim**, California State University, Long Beach
- *Airport Size and Urban Growth*, **Nicholas Sheard**, Norwegian University of Science and Technology
- *The Value of Urgency: Evidence from Congestion Pricing Experiments*, **Kevin D. Roth**, University of California, Irvine; **Antonio M. Bento**, Cornell University; **Andrew Waxman**, Cornell University
- *When Pricing Fewer Lanes on Congested Highways is Better*, **Jonathan Hall**, University of Toronto

Discussants:

Jonathan Hall, University of Toronto
Jinwon Kim, California State University, Long Beach
Nicholas Sheard, Norwegian University of Science and Technology
Kevin D. Roth, University of California, Irvine

161. UEA 10C: Local Economic Development *Saturday Nov 14 | 2:45 PM-4:45 PM | Broadway III*

Chair: Jianfeng Wu, Fudan University

- *What Matters More for Economic Development, the Amount of Funding or the Number of Projects Funded? Evidence from the Community Development Financial Investment Fund*, **Kaitlyn Harger**, Florida Gulf Coast University; **Heather Stephens**, West Virginia University
- *Do English Planning Policies Make Shopping More Sustainable?*, **Paul Charles Cheshire**, London School of Economics; **Christian A. L. Hilber**, London School of Economics; **Rosa Sanchis-Guarnier**, London School of Economics
- *Picking Winners in Industrial Policy or Playing Politics? New Estimates of the Productivity Impacts of China's Industrial Parks*, **Matthew Kahn**, University of California, Los Angeles; **Weizeng Sun**, Tsinghua University; **Jianfeng Wu**, Fudan University; **Siqi Zheng**, Tsinghua University

Discussants:

Jianfeng Wu, Fudan University
Amanda Ross, West Virginia University
Paul Charles Cheshire, London School of Economics

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