

Detailed Preliminary 2017 NARSC Program
Vancouver, British Columbia, Canada
November 8 – 11, 2017

Wednesday, 08 November
8:00 AM-5:00 PM

2. Workshop 1: Spatial Data Analysis with PySAL --*Seymour*

3. Workshop 2: Economic Modeling with TERM-USA Using Customized RunGEM --*Grouse*

4:00 PM-8:00 PM

4. Registration --*Regency Foyer*

6:30 PM-7:30 PM

5. Words of Welcome and RSAI Fellows Plenary --*Georgia B Ballroom*

8:00 PM-9:00 PM

6. NARSC Icebreaker Reception --*English Bay/Cypress/Stanley*

Thursday, 09 November
7:30 AM-8:00 PM

7. Registration --*Regency Foyer*

8:00 AM-10:00 AM

8. Location Modeling and Spatial Analysis I --*Balmoral*

- *Hidden yet there: regional analytics in GIS* Alan Murray, University of California - Santa Barbara
- *GIS based location analytics: empirical performance characteristics* Jing Xu, UC Santa Barbara; Alan Murray, University of California - Santa Barbara

9. Economic Development I --*Cavendish*

Chair: Sudhir Thakur, California State University Sacramento

- *Using GIS to Identify Economic Sector Potential Within Sub-County Regions* Martin Kaufman, University of Michigan-Flint; Troy Rosencrants, University of Michigan-Flint; Kristin Ball, University of Michigan-Flint; Michael Keller, University of Michigan-Flint
- *Grow Agglomerations for Innovating Industries at Optimal Sizes* Li Fang, University of Maryland, College Park
- *Public Debt and Regional Inequality in India: A Spatial Analysis* Sudhir Thakur, California State University Sacramento
- *Measuring Economic Performance from Outer Space: The case of Mexico* Mauricio Ramirez Grajeda, Universidad de Guadalajara; Xiomara Vazquez Guillen, Tec de Monterrey

Discussants:

- Mauricio Ramirez Grajeda, Universidad de Guadalajara
- Martin Kaufman, University of Michigan-Flint
- Li Fang, University of Maryland, College Park
- Sudhir Thakur, California State University Sacramento

10. Input-Output Methods I --Constable

Chair: Elizabeth Roos, Victoria University

- *Creation of value-added, income, and employment impact multipliers for Honduras* Rebekka Dudensing, Texas A&M University; Carlos Carpio, Texas Tech University
- *An Alternative Conceptual Framework Building Lightweight Multiregional Models using a Network-Econometric Approach* Peter Jarosi, West Virginia University
- *Constructing a regional Computable General Equilibrium (CGE) model and database for South Africa* Elizabeth Roos, Victoria University; Philip Adams, University of Victoria; Mark Horridge, University of Victoria
- *Diversifying a Resource Dependent Economy: Private-Public Relationships in the Kuwaiti Economy* Ayele Gelan, Kuwait Institute for Scientific Research; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign

Discussants:

- Ayele Gelan, Kuwait Institute for Scientific Research
- Rebekka Dudensing, Texas A&M University
- Peter Jarosi, West Virginia University
- Elizabeth Roos, Victoria University

11. UEA 01C Advances in Theory I --Cypress

Chair: Fan-chin Kung, East Carolina University

- *Commuting and Internet Traffic Congestion* Marcus Berliant, Washington University - St. Louis
- *Urban Structures with Forward and Backward Linkages* Pascal Mossay, University of Newcastle; Takatoshi Tabuchi, University of Tokyo; Pierre M Picard, University of Luxembourg
- *On the optimal design of place-based policies: A structural evaluation of EU regional transfers* Yashar Blouri, University of Bern; Maximilian von Ehrlich, University of Bern
- *Information Aggregation and Transmission in Network Games* Fan-chin Kung, East Carolina University; Ping Wang, Washington University - St. Louis

Discussants:

- Pierre M Picard, University of Luxembourg
- Yashar Blouri, University of Bern
- Fan-chin Kung, East Carolina University
- Marcus Berliant, Washington University - St. Louis

12. Housing I --Dover

Chair: Michael Reilly, Bay Area Metro

- *Height Restrictions and Housing Prices in Brazil: A Difference-in-Discontinuity Approach* Raissa Dantas, Federal University of Pernambuco; Raul da Mota Silveira Neto, Pimes - UFPE; Breno Sampaio, Pimes - UFPE; Gisleia Duarte, Pimes - UFPE
- *Enjoy your meal: Restaurants and house prices in Amsterdam* Frank Van Oort, Utrecht University; Jeroen Van Haaren, Erasmus University Rotterdam
- *Forecasting Regional Housing Prices in a Highly Supply-Constrained Region* Michael Reilly, Bay Area Metro
- *Geographic variation in intra-city house price appreciation, evidence from Auckland New Zealand* Leon Stirk-Wang, University of Otago; Paul Thorsnes, University of Otago

Discussants:

- Leon Stirk-Wang, University of Otago
- Raissa Dantas, Federal University of Pernambuco
- Frank Van Oort, Utrecht University
- Michael Reilly, Bay Area Metro

13. Local Public Goods --English Bay

Chair: Jeff Chan, Wilfrid Laurier University

- *The Impact of the Tax Burden on Macro-economic Performance: An EU panel VAR analysis.* Richard Whittle, Manchester Metropolitan University; Kevin Albertson, Manchester Metropolitan University
- *The Effect of Immigration on Local Public Finances* Jeff Chan, Wilfrid Laurier University
- *Do rewards work? Evidence from the randomization of Public Works* Carlos Scartascini, Inter-American Development Bank; Paul Carillo, George Washington University

Discussants:

- Carlos Scartascini, Inter-American Development Bank
- Richard Whittle, Manchester Metropolitan University
- Jeff Chan, Wilfrid Laurier University

14. UEA 01A Housing and Governments I --Grouse

Chair: Andreas Mense, University of Erlangen-Nuernberg

- *The Effects of Rent Control Expansion on Tenants, Landlords, and Inequality: Evidence from San Francisco* Rebecca Diamond, Stanford University; Tim McQuade, Stanford University; Franklin Qian, Stanford University

- *Restrictive Zoning's Impact on the Local Education Property Tax Base: Evidence from Zoning District Boundaries and Municipal Finances* Ryan Michael Gallagher, Northeastern Illinois University
- *RACE TO THE TOP IN URBAN SPRAWL: LONG-RUN EVIDENCE FROM SWITZERLAND* Maximilian von Ehrlich, University of Bern; Christian A. L. Hilber, London School of Economics; Olivier Schoeni, University of Bern
- *Market break or simply fake? Empirics on the causal effects of rent controls in Germany* Andreas Mense, University of Erlangen-Nuernberg

Discussants:

- Ryan Michael Gallagher, Northeastern Illinois University
- Olivier Schoeni, University of Bern
- Andreas Mense, University of Erlangen-Nuernberg
- Tim McQuade, Stanford University

15. Industrial Efficiency and Resiliency --Kensington

Chair: William (Bill) Cochrane, University of Waikato

- *Spatial Data Analysis in the efficiency of industrial sector for the Northeast and Bajio regions of Mexico* Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro; Miriam Valdes Ibarra, Universidad Autonoma de Coahuila; Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas
- *The impact of regional economic resilience and social connectedness on post-crisis employment trends: Evidence from New Zealand* William (Bill) Cochrane, University of Waikato; Matthew Roskrige, Massey University; Thomas Stubbs, Cambridge University
- *Indicators of Regional Risk and Resiliency* Timothy Slaper, Indiana University; Nikita Lopatin, Indiana University

Discussants:

- Timothy Slaper, Indiana University
- Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro
- William (Bill) Cochrane, University of Waikato

16. Labor Market and Wages --Lord Byron

Chair: Nikolaos Terzidis, Rijksuniversiteit Groningen

- *Wage Differentials in Agricultural Subsectors in The Brazilian Northeast* Adelson Silva, UFRPE; Everlandia Silva, Federal University of Bahia; Roberta Rocha, Federal University of Pernambuco
- *Good Job, Bad Job: Decomposing regional wage differences into within and across sector components* Philip Watson, University of Idaho
- *Employment Polarization in Local Labor Markets: The Dutch Case* Nikolaos Terzidis, Rijksuniversiteit Groningen; Raquel Ortega-Argiles, University of Birmingham; Raoul van Maarseveen, Uppsala University
- *Benefits of dense labour markets - Evidence from transitions to employment in Germany* Annekatrien Niebuhr, Institute of Employment Research (IAB); Silke Hamann, IAB Institute for Employment Research; Cornelius Peters, Thünen Institute of Rural Studies

Discussants:

- Annekatrien Niebuhr, Institute of Employment Research (IAB)
- Adelson Silva, UFRPE

- Philip Watson, University of Idaho
- Nikolaos Terzidis, Rijksuniversiteit Groningen

17. Rural Development I --Oxford

Chair: Maria Figueroa-Armijos, American University

- *Is there a balloon effect? Coca crops and forced eradication in Colombia* Eleonora Davalos, Universidad EAFIT
- *The Impact of Commercial Airports on Rural Regions: A Canadian Perspective* Pierre-Marcel Desjardins, Université de Moncton; Laurent Guihéry, Cergy-Pontoise University
- *The Role of Gender, Rurality, and Teams in Prosocial Crowdfunding* Maria Figueroa-Armijos, American University; John P. Berns, University of Mississippi
- *Road to Despair and the Geography of the America Left Behind* Alexandra Tsvetkova, Ohio State University; Mark Partridge, Ohio State University

Discussants:

- Alexandra Tsvetkova, Ohio State University
- Eleonora Davalos, Universidad EAFIT
- Pierre-Marcel Desjardins, Université de Moncton
- Maria Figueroa-Armijos, American University

18. Migration: Labor Applications --Prince of Wales

Chair: Mariko Nakagawa, University of Tokyo

- *Knowledge Borders: Temporary Labor Mobility and the Canada-U.S. Border Region* Kathrine Richardson, San Jose State University
- *International migration, linguistic friction, and industrial agglomeration* Mariko Nakagawa, University of Tokyo
- *An interregional input-output analysis with agglomeration economies: Isard meets Krugman* Ryo Itoh, Tohoku University

Discussants:

- Ryo Itoh, Tohoku University
- Kathrine Richardson, San Jose State University
- Mariko Nakagawa, University of Tokyo

19. NARSC Council Meeting (Invitation Only) --Plaza C

20. Migration and Economic Growth --Seymour

Chair: Jaewon Lim, University of Nevada, Las Vegas (UNLV)

- *The Economic Decision of International Migration: Empirical Evidences from the United States and Canada* JongHoon Park, Seoul National University; SeongWoo Lee, Seoul National University; JiYoung Park, SUNY - Buffalo

- *Migration-prone and migration-averse regions. On how past migration waves affect the location of future migrants and the economic dynamism of territories* Andrés Rodríguez-Pose, London School of Economics; Viola von Berlepsch, London School of Economics
- *Geographically Uneven Social Mobility and Interregional Mobility of the Millennials in the U.S.* Jaewon Lim, University of Nevada, Las Vegas (UNLV)
- *Short-Term Relocation versus Long Term Migration: Implications for Economic Growth and Human Capital Change* Bruce Newbold, McMaster University

Discussants:

- Bruce Newbold, McMaster University
- JongHoon Park, Seoul National University
- Andrés Rodríguez-Pose, London School of Economics
- Jaewon Lim, University of Nevada, Las Vegas (UNLV)

21. UEA 01B Transportation I --Stanley

Chair: Harris Selod, World Bank

- *Public transport and urban pollution* Rainald Borck, University of Potsdam
- *Do Subways Reduce Congestion? Evidence from US Cities* Jindong Pang, Syracuse University
- *Roads and the Economic Geography of Activities in Mexico* Brian Blankespoor, World Bank; Theophile Bougna, World Bank; Rafael Garduno-Rivera,; Harris Selod, World Bank

Discussants:

- Jindong Pang, Syracuse University
- Harris Selod, World Bank
- Rainald Borck, University of Potsdam

22. Transportation Equity and Accessibility --Tennyson

Chair: Lisa Losada Rojas, Purdue University

- *Transit Equity in Canadian Cities: A Nationwide Analysis of Jobs Accessibility* Jeff Allen, University of Toronto; Steven Farber, University of Toronto - Scarborough
- *Transit Accessibility and the Geography of Opportunity: Evidence using GTFS and GIS on Los Angeles* Marlon Boarnet, University of Southern California; Gary Painter, University of Southern California; Madison Swayne, University of Southern California; Matthew Miller, University of Southern California
- *Assessing the First and Last Mile Problem in Intercity Passenger Rail Service* Lisa Losada Rojas, Purdue University; Nadia Gkritza, Purdue University; V. Dimitra Pyrialakou, West Virginia University
- *Accessibility and Endogeneity in Urban Markets* Eduardo Haddad, FEA-USP; Ana Barufi, NEREUS-USP

Discussants:

- Eduardo Haddad, FEA-USP
- Jeff Allen, University of Toronto
- Marlon Boarnet, University of Southern California
- Lisa Losada Rojas, Purdue University

23. Discussion Panel: What Is Regional Science?: Context, Internal Structure and Content --Regency D

Organizer: William M Bowen, Cleveland State University

Chair: William M Bowen, Cleveland State University

Panelists: Kingsley Haynes, George Mason University; Randall W Jackson, West Virginia University; Peter V Schaeffer, West Virginia University; Haifeng Qian, University of Iowa; Gil-Hwan Park, Daegu University; Roger Stough, George Mason University

Discussant:

- William M Bowen, Cleveland State University

8:30 AM-10:00 AM

24. PiRS Editorial Board Meeting (Invitation Only) --Plaza A

10:00 AM-10:30 AM

25. Coffee Break --Regency Foyer

10:30 AM-12:00 PM

26. NARSC Presidential Plenary --Regency DEF

12:00 PM-1:30 PM

27. Lunch (On your Own) --

28. The Regional Science Academy Business Lunch Meeting (Invitation Only) --Regency F

12:30 PM-2:30 PM

29. PRSCO Council Luncheon (Invitation Only) --Regency E

1:30 PM-3:30 PM

30. Housing II --Balmoral

Chair: Philemon Abayateye, University of Toledo

- *Agricultural amenities in the urban fringe: Challenges of signaling and households' valuation* Marine Coinon, University of Burgundy
- *Sprawled versus Compact Cities: How Do New Residential Development Patterns Affect Air Quality in Metro Areas?* Jae-Wan Ahn, Ohio State University; Elena Irwin, Ohio State University
- *Analyzing the data for HOPE VI neighborhoods two decades later--Did Urban America put too much "hope" in HOPE VI?* Philemon Abayateye, University of Toledo
- *Postwar Housing and Neighborhood Decline* Lyndsey Anne Rolheiser, Massachusetts Institute of Technology

Discussants:

- Lyndsey Rolheiser, MIT
- Marine Coinon, University of Burgundy
- Jae-Wan Ahn, Ohio State University

- Philemon Abayateye, University of Toledo

31. Community Development --Constable

Chair: Kenneth Whaley, Clemson University

- *On the use of community detection in big data for delineating regions: Revolutionary results for Belgium?* THOMAS Isabelle, Université catholique de Louvain; Arnaud Adam, Université catholique de Louvain; Jean-Charles Delvenne, Université catholique de Louvain
- *Exploring the Spatial Distribution and Socio-economic Factors of the Village Network* Yi-ting Chiu, George Mason U.
- *Charlotte's process of community gentrification: A post-recession neighborhood change analysis* Daniel Yonto, University of North Carolina at Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte
- *Neighborhood Composition and Public School Financing: District - Level Expenditures and Revenues 2000 & 2010* Kenneth Whaley, Clemson University
- *Are Cities the Home of People? A 'Soul and Body' Analysis of Urban Attractiveness* Marie Wahlstrom, Urban Planning and the Environment; Karima Kourtiti, KTH Royal Institute of Technology; Peter Nijkamp, Tinbergen Institute

Discussants:

- Marie Wahlstrom, Urban Planning and the Environment
- THOMAS Isabelle, Université catholique de Louvain
- Yi-ting Chiu, George Mason U.
- Daniel Yonto, University of North Carolina at Charlotte
- Kenneth Whaley, Clemson University

32. UEA 02C labor markets I --Cypress

Chair: Hildegunn E. Stokke, Norwegian University of Science and Technology

- *Coworker complementarity* Frank Neffke, Harvard University
- *City Minimum Wages* Jorge Eduardo Perez Perez, Brown University
- *Gender-Segmented Labor Markets and the Effects of Local Demand Shocks* Juan Pablo Chauvin, Harvard University
- *Private-public wage gap and sector-specific return to experience* Jorn Rattso, Norwegian University of Science and Technology; Hildegunn E. Stokke, Norwegian University of Science and Technology

Discussants:

- Jorge Eduardo Perez Perez, Brown University
- Juan Pablo Chauvin, Harvard University
- Hildegunn E. Stokke, Norwegian University of Science and Technology
- Frank Neffke, Harvard University

33. Economic Development II --Dover

Chair: Cheng Lyu, Nankai University

- *The Appalachian Regional County-level Coal Industry Ecosystem: A Supply Chain Analysis* Randall W. Jackson, West Virginia University; Peter Jarosi, West Virginia University
- *Logistics and Regional Economic Growth: Evidence from China's prefectures* Cheng Lyu, Nankai University; Jean-Claude Thill, University of North Carolina - Charlotte
- *Planning for a Better Coal Logistics Network: A Case Study of Sumatra in Indonesia* Marie Louis, University of Massachusetts Amherst; Xinlian Yu, University of Massachusetts - Amherst; Karl Allen, University of Massachusetts - Amherst; Dan Wellington, University of Massachusetts - Amherst

Discussants:

- Marie Louis, University of Massachusetts Amherst
- Randall W Jackson, West Virginia University
- Cheng Lyu, Nankai University

34. UEA 02D China I --English Bay

Chair: Zhi Wang, Fudan University

- *Educational Choice, Rural-urban Migration and Economic Development* Ping Wang, Washington University - St. Louis
- *E-Commerce Integration and Economic Development: Evidence from China* Victor Couture, University of California - Berkeley; Benjamin Faber, University of California - Berkeley; Yizhen Gu, Jinan University; Lizhi Liu, Stanford University
- *The Mechanics of Local Growth: Evidence and Theory from a Large-Scale Skill Relocation Program* Yue Charles Yuan, University of Chicago
- *School Attendance Boundary Discontinuities in Urban China* Zhi Wang, Fudan University; Qinghua Zhang, Peking University; Xianhua Zai, Fudan University

Discussants:

- Victor Couture, University of California - Berkeley
- Yue Charles Yuan, University of Chicago
- Zhi Wang, Fudan University
- Ping Wang, Washington University - St. Louis

35. UEA 02A Housing - Micro I --Grouse

Chair: Ismir Mulalic, Kraks Fond Institute for Urban Economic Research

- *Do Differences Deceive: The Case Of Foreclosure Externalities* Anthony Marvin Yezer, George Washington University
- *History Dependence in the Housing Market* Philippe Bracke, Bank of England
- *Estimating the House Price Elasticity of Brownfield Re-Development in English Cities* Felipe Carozzi, London School of Economics
- *The Financial Crisis and Diverging House Prices: Evidence from the Copenhagen Metropolitan Area* Ismir Mulalic, Kraks Fond - Institute for Urban Economic Research; Jan Rouwendal, Vrije Universiteit, Amsterdam; Holger Rasmussen, Kraks Fond - Institute for Urban Economic Research; Hans Henrik Woltmann,

Discussants:

- Philippe Bracke, Bank of England

- Felipe Carozzi, London School of Economics
- Ismir Mulalic, Kraks Fond Institute for Urban Economic Research
- Anthony Marvin Yezer, George Washington University

36. Session in Memory of Waalter Isard --Kensington

- *Cities as Climate Sustainability Champions -- A 'Quattro' Dimension Analysis* Karima Kourtiti, KTH Royal Institute of Technology, Stockholm; Peter Nijkamp, Tinbergen Institute; Souchi Suzuki, Hokkai-Gakuen University, Sapporo, Japan
- *The Place of George Kingsley Zipf's Theory in Walter Isard's Work* Arthur Getis, San Diego State University
- *Subjunctive Reasoning in Regional Analysis: A Continuation of some Preliminary Isardian Explorations* Kieran Donaghy, Cornell University

37. Entrepreneurship in Regional Science --Lord Byron

Chair: Felix Modrego, Rimisp - Latin American Center for Rural Development

- *The Built Environment, Urban Amenities, and New Business Activity* Kevin Credit, Michigan State University; Elizabeth Mack, Michigan State University
- *Agglomeration externalities and entrepreneurial activity in "rur-urban" Chile* Felix Modrego, Rimisp - Latin American Center for Rural Development; Chiara Cazzuffi, Rimisp -- Latin American Center for Rural Development
- *Cultural Entrepreneurship in U.S. Cities* Shiqin Liu, Northeastern University; Haifeng Qian, University of Iowa

Discussants:

- Shiqin Liu, Northeastern University
- Kevin Credit, Michigan State University
- Felix Modrego, Rimisp - Latin American Center for Rural Development

38. Location Modeling and Spatial Analysis II --Oxford

Chair: Wangshu Mu, University of Arizona

- *An Exact Iterative Set Covering Method for Solving the Discrete p-Center Problem* F. Antonio Medrano, UC Santa Barbara
- *Choropleth Mapping with Uncertainty: A Maximum Likelihood based Classification Scheme* Wangshu Mu, University of Arizona; Daoqin Tong, University of Arizona
- *The Bi-Directional Maximal Covering Shortest Path Problem* Timothy Niblett, UCSB; Rick Church, University Of California At Santa Barbara

Discussants:

- Timothy Niblett, UCSB
- F. Antonio Medrano, UC Santa Barbara
- Wangshu Mu, University of Arizona

39. Rural Development II --*Prince of Wales*

Chair: Paul D Gottlieb, Rutgers University

- *People mobility, spatial mismatch, and rural development* Xue Zhang, Cornell University
- *Toward a Typology of Agricultural Industry Clusters in the United States* Paul D Gottlieb, Rutgers University; Neil Reid, Univ. Of Toledo; Anil Hira, Simon Fraser University; Stephan Goetz, Pennsylvania State University
- *Are rural areas taking advantage of proximity to cities?* Juan Soto, Rimisp -- Latin American Center for Rural Development; Milena Vargas, Rimisp -- Latin American Center for Rural Development; Julio Berdegué, Food and Agriculture Organization of the United Nations

Discussants:

- Juan Soto, Rimisp -- Latin American Center for Rural Development
- Xue Zhang, Cornell University
- Paul D Gottlieb, Rutgers University

40. The Regional Science Academy Special Session I --*Regency F*

41. Climate Effects and Disaster --*Seymour*

Chair: Suminori TOKUNAGA, Reitaku University

- *Impacts of Weather and Climate Disasters on Local Labor Markets* Yong Chen, Oregon State University; Jianhong Mu, Texas A&M University
- *Impact of Climate Change on Regional Economies through Fluctuations in Rice Production in Japanese Depopulating Society* Suminori TOKUNAGA, Reitaku University
- *Estimating the Economic Effects of Climate Change and Sea Level Rise: Synthesis of Methods Applied to Coastal California* Fernando DePaolis, Middlebury Institute of International Studies

Discussants:

- Fernando DePaolis, Middlebury Institute of International Studies
- Yong Chen, Oregon State University
- Suminori TOKUNAGA, Reitaku University

42. UEA 02B Neighborhoods I --*Stanley*

Chair: Shawn M. Rohlin, Kent State University

- *The Equilibrium Effects of Housing Vouchers on Neighborhood Composition* Morris Davis, Rutgers University; Jesse Gregory, University of Wisconsin - Madison; Daniel Hartley, Federal Reserve Bank of Chicago
- *Evidence on the Production of Cognitive Achievement from Moving to Opportunity* Dionissi Aliprantis, Federal Reserve Bank of Cleveland
- *What Happens to the Losers of School Choice Lotteries?* Andrew Bibler, University of Alaska - Anchorage; Stephen Billings, University of Colorado - Boulder
- *Do Spatially Targeted Redevelopment Incentives Work? The Answer Depends on How You Ask the Question* Andrew Hanson, Marquette University; Shawn M. Rohlin, Kent State University

Discussants:

- Dionissi Aliprantis, Federal Reserve Bank of Cleveland
- Andrew Bibler, University of Alaska - Anchorage
- Shawn M. Rohlin, Kent State University
- Morris Davis, Rutgers University

43. Accessibility and Transport Disadvantage --Cavendish

Chair: Jeremy Mattson, North Dakota State University

- *Economic Research Needs Related to Transportation for the Rural Elderly and Disadvantaged* James Mjelde, Texas A&M University; Rebekka Dudensing, Texas A&M University
- *Transport Inaccessibility as a Barrier to Participation: The Case of Toronto's Suburban Towers* Mischa Young, University of Toronto; Steven Farber, University of Toronto - Scarborough; Michael Widener, University of Toronto
- *Exploring Transit's Contribution to Livability in Rural Communities* Jeremy Mattson, North Dakota State University; Ranjit Godavarthy, North Dakota State University; Jonathan Brooks, Texas A&M University
- *Measuring and comparing accessibility to jobs by public transport for individuals with physical disability in Montreal and Toronto, Canada* Emily Gris , McGill University; Genevieve Boisjoly, McGill University; Meadhbh Maguire, McGill University; Ahmed El-Geneidy, McGill University

Discussants:

- Emily Gris , McGill University
- James Mjelde, Texas A&M University
- Mischa Young, University of Toronto
- Jeremy Mattson, North Dakota State University

44. Regional and Rural Development I --Tennyson

Chair: Jordan Navin, Colorado State University

- *Effects of Severance Tax on Economic Activity: Evidence from the Oil Patch* Jason Brown, Federal Reserve Bank of Kansas City; Peter Maniloff, Colorado School of Mines; Dale Manning, Colorado State University
- *Rural Development Implications of Foodie Culture: What factors drive food and beverage manufacturing firm dynamics?* Sarah Low, USDA Economic Research Service; Dawn McFadden, Colorado State University; Marcelo Castillo, USDA Economic Research Service
- *Firm behavior under voluntary self-reporting: Evidence from the National Wildlife Strike Database* Jordan Navin, Colorado State University
- *Information Spillovers, Employment Growth, and the Great Recession* Nicholas Kacher, Colorado State University; Stephan Weiler, Colorado State University; Michael Yeadon, Colorado State University

Discussants:

- Nicholas Kacher, Colorado State University
- Jason Brown, Federal Reserve Bank of Kansas City
- Sarah Low, USDA Economic Research Service
- Jordan Navin, Colorado State University

3:30 PM-4:00 PM

45. Coffee Break --Regency Foyer

4:00 PM-6:00 PM

46. Housing and Real Estate I --Balmoral

Chair: Weizeng Sun, Jinan University

- *Housing Tenure and Labor Market Self-Selection* Edward Coulson, Penn State University; Walter D'Lima, University of Notre Dame
- *How Do Home Purchase Restrictions Affect Job Search of Elite Graduate Students in China?* Weizeng Sun, Jinan University; Sisi Zhang, Jinan University; Siqi Zheng, MIT; Chengtao Lin, Tsinghua University
- *Exploring fluctuations in the impact of amenities on local housing and labor markets* Timothy Jaquet, Ohio State University; Elena Irwin, Ohio State University; Nicholas Irwin, Ohio State University; Wangyang Lai, Ohio State University

Discussants:

- Timothy Jaquet, Ohio State University
- Edward Coulson, Penn State University
- Weizeng Sun, Jinan University

47. Innovation and Economic Growth --Cavendish

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

- *Market Oriented Finance Reform, Spatial Spillover and Regional Innovation -Evidence from China* Zhiqiang Zhang, Institute of Urban and Regional economics, School of Economics, Nankai University
- *A Multilevel Analysis of Productivity of High-Tech Start-Ups in The Great Lakes Region* Eva Lema, Central Michigan University; Leila Irajifar, Central Michigan University; Marcello Graziano, Central Michigan University
- *The impact of clusters on economic growth: The case of Mexico* Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); Rodrigo Gonzalez-Vizuet, CIDE; Maria Fernanda Navarro, CIDE
- *Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth* Amit Batabyal, Rochester Institute Of Technology; Seung Jick Yoo, Sookmyung Women's University

Discussants:

- Amit Batabyal, Rochester Institute Of Technology
- Zhiqiang Zhang, Institute of Urban and Regional economics, School of Economics, Nankai University
- Eva Lema, Central Michigan University
- Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)

48. Industrial Issues I --Constable

Chair: Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)

- *The role of Mexico in the North American auto industry supply chain* Thomas Klier, Federal Reserve Bank of Chicago
- *INSTITUTIONAL CHANGE AND LOCAL ENTREPRENEURSHIP - How does a change in the municipal government impact the local business climate?* Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN); Orsa Kekezi,; Johan Larsson, Jonkoping International Business School
- *Refinery Location and Organizational Adjustments in the U.S. Biofuel Sector* Sharmistha Bagchi-Sen, SUNY-Buffalo; Peter Kedron, Oklahoma State University

Discussants:

- Sharmistha Bagchi-Sen, SUNY-Buffalo
- Thomas Klier, Federal Reserve Bank of Chicago
- Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)

49. UEA 03C Agglomeration I --Cypress

Chair: Boqian Jiang, Syracuse University

- *Identifying Shopping Externality: Evidence from Location Lotteries of the Tokyo Fish Market* Kentaro Nakajima, Hitotsubashi University; Kensuke Teshima, Instituto Tecnológico Autonomo de Mexico
- *Building Specialization, Anchor Tenants and Agglomeration Economies* Crocker Liu, Cornell University; Stuart Rosenthal, Syracuse University; William Strange, University of Toronto
- *Agglomeration Economies: Looking Back and Thinking Ahead* Andrew Hart Busey, Boston University
- *Separating Selection from Spillover Effects: Using the Mode to Estimate the Return to City Size* Boqian Jiang, Syracuse University; Hugo Jales, Syracuse University; Stuart Rosenthal, Syracuse University

Discussants:

- Stuart Rosenthal, Syracuse University
- Andrew Hart Busey, Boston University
- Boqian Jiang, Syracuse University
- Kentaro Nakajima, Hitotsubashi University

50. Location Modeling and Spatial Analysis III --Dover

Chair: Daniel Schleith, University of Cincinnati

- *Tiebout v. Samuelson: what about fire protection?* Rick Church, University Of California At Santa Barbara
- *Contextualizing Urban Form for the Largest Metro Regions in the U.S. using the Excessive Commuting Framework* Daniel Schleith, University of Cincinnati; Michael Widener, University of Toronto; Changjoo Kim, University of Cincinnati
- *Spatial analytics for supporting location of sequential activities with social network data* Xin Feng, University of California, Santa Barbara

Discussants:

- Xin Feng, University of California, Santa Barbara
- Rick Church, University Of California At Santa Barbara
- Daniel Schleith, University of Cincinnati

51. Housing III --English Bay

Chair: Edward Kung, UCLA

- *Do sharing economies change the cities: evidence from the rapid growth of Airbnb in the Copenhagen metropolitan area* Aske Egsgaard, Kraks Institute for Urban Economic Research; Ismir Mulalic, Kraks Fond Institute for Urban Economic Research; Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research; Lars Pico Geerdsen, Kraks Fond Institute for Urban Economic Research
- *The Geography of Craigslist Rental Housing Listings: An Exploratory Spatial Data Analysis* Andrew J. Greenlee, University of Illinois - Urbana-Champaign; Sergio Contreras, University of Illinois
- *The Sharing Economy and Housing Affordability: Evidence from Airbnb* Edward Kung, UCLA; Kyle Barron, Massachusetts Institute of Technology
- *Architecture Awards and Conspicuous Consumption of Housing* Wen-Chi Liao, National University of Singapore; Kecen Jing, National University of Singapore

Discussants:

- Wen-Chi Liao, National University of Singapore
- Aske Egsgaard, Kraks Institute for Urban Economic Research
- Andrew J Greenlee, University of Illinois - Urbana-Champaign
- Edward Kung, UCLA

52. UEA 03A Mortgages I --Grouse

Chair: Stephanie Moulton, Ohio State University

- *Breaking Down Mortgage Losses: Loss on Sale and Holding Costs from the Default Timeline* Anthony Pennington-Cross, Marquette University; Ben Le,
- *What are the Roles of Mortgages in Retirement?* Erik Anders Hembre, University of Illinois - Chicago; Carly Urban, Montana State University; Michael Collins, University of Wisconsin - Madison
- *The Effects of Mortgage Credit Availability: Evidence from Minimum Credit Score Lending Rules* Steven Laufer, Board of Governors of the FRS; Andrew Paciorek, Board of Governors of the FRS
- *How Home Equity Extraction and Reverse Mortgages Affect the Credit Outcomes of Senior Households* Stephanie Moulton, Ohio State University; Donald Haurin, Ohio State University; Samuel Dodini, Cornell University; Maximillian Schmeiser, Amazon

Discussants:

- Erik Anders Hembre, University of Illinois - Chicago
- Andrew Paciorek, Board of Governors of the FRS
- Stephanie Moulton, Ohio State University
- Anthony Pennington-Cross, Marquette University

53. Economic Development III --Kensington

Chair: Pietro Pizzuto, University of Palermo

- *Social Entrepreneurship and Regional Economic Development : Focusing on Government-driven Social Enterprises in South Korea* Soogwan Doh, Catholic University of Daegu; Duckhee Jang, Korea Institute of Ocean Science & Technology; Hans Westlund, KTH Royal Institute of Technology

- *Regional Strategizing In Russia: Legacies, Practice, Challenges* Ksenia Budaeva, Institute for Public Finance Reform
- *Growth of GRP and growth of assets in resource rich regions. Lessons from the cures of resources in Scandinavia* Lars Westin, Umeå University
- *Is The Great Recession Jeopardizing The European Convergence Process?* Pietro Pizzuto, University of Palermo; Fabio Mazzola, University of Palermo
- *Did the Great Recession Shift the Regional Beveridge Curve in the US: Evidence from New England* Andrew Crawley, University of Maine; Sarah Welsh, University of Maine

Discussants:

- Andrew Crawley, University of Maine
- Soogwan Doh, Catholic University of Daegu
- Ksenia Budaeva, Institute for Public Finance Reform
- Lars Westin, Umeå University
- Pietro Pizzuto, University of Palermo

54. Externalities, Income and Inequality --Lord Byron

Chair: Benedikt Fritz, Zeppelin University

- *Spatial Income Inequality, Spatial Frictions, and Endogenous Occupational Choice* Akira Sasahara, University of Idaho
- *Regional Economic Complexity and its Effect on Growth and Inequality in the US -- More than just Population Size* Benedikt Fritz, Zeppelin University; Robert Manduca, Harvard University
- *Where Do the Rich Live in a Big City?* Takatoshi Tabuchi, University of Tokyo

Discussants:

- Takatoshi Tabuchi, University of Tokyo
- Akira Sasahara, University of Idaho
- Benedikt Fritz, Zeppelin University

55. Economic Forces of Migration --Oxford

Chair: Cristina Miller, USDA Economic Research Service

- *Individual and local determinants of the trickle down effect on brazilian medical migration* Suzana Quinet Bastos, Federal University of Juiz de Fora; Bruno Silva Gomes, Federal University of Juiz de Fora; Eduardo Almeida, Federal University of Juiz de Fora
- *Changes in Poverty Measurements and Forced Migration: The Case of Colombia* Juan Sayago-Gomez, West Virginia University
- *Rural Hospital Closure Effects on Outmigration* Cristina Miller, USDA Economic Research Service; Yizhou Zhang, University of Illinois - Urbana-Champaign
- *The progress of the radical right: the urban -- rural division in Sweden* Jonna Rickardsson, Jonkoping International Business School

Discussants:

- Jonna Rickardsson, Jonkoping International Business School
- Suzana Quinet Bastos, Federal University of Juiz de Fora
- Juan Sayago-Gomez, West Virginia University

- Cristina Miller, USDA Economic Research Service

56. Input-Output Methods II --*Prince of Wales*

Chair: Yuko Akune, Reitaku University

- *Trade-Based Index of Water Intensity: An Application to Morocco* Eduardo Haddad, FEA-USP; Abdelaaziz Ait-Ali, OCP Policy Center; Vinicius Vale, Federal University of Juiz de Fora (UFJF)
- *Inter-Regional Input Output (IRIO) Analysis and Machine Learning on Environmental Datasets: Assessing the impact of *F. moluccana* (Albizia) on Hawaii's economy* Jason Levy, University of Hawaii - Manoa; Patrick Buckley, Western Washington University; Qian Zhang, University of Hawaii - Manoa; Qi Chen, University of Hawaii - Manoa
- *Costs of Excess PM2.5 and O3 Pollution in China: A Province Level Analysis* Kyung-Min Nam, The University of Hong Kong; Xu Zhang, Tsinghua University
- *Spatial and Sectoral Linkages of the regional food system in Japan* Yuko Akune, Reitaku University
- *Comparison of Multiregional and Intraregional Sectoral and Spatial Backward Linkages in Hawaii's Economy* Patrick Buckley, Western Washington University; Jason Levy, University of Hawaii - Manoa

Discussants:

- Patrick Buckley, Western Washington University
- Eduardo Haddad, FEA-USP
- Jason Levy, University of Hawaii - Manoa
- Kyung-Min Nam, The University of Hong Kong
- Yuko Akune, Reitaku University

57. The Regional Science Academy Special Session II --*Regency F*

58. UEA 03B Migration, Public Policy and Growth I --*Stanley*

Chair: Tobias Seidel, University of Duisburg-Essen

- *Tax-induced Mobility: Evidence from a Foreigners' Tax Scheme in Switzerland* Kurt Schmidheiny, University of Basel; Michaela Slotwinski, University of Basel
- *Do Rewards Work? Evidence from the Randomization of Public Works* Paul Carillo, George Washington University; Carlos Scartascini, Inter-American Development Bank; Edgar Orlando Castro Mendez, George Mason University
- *The Welfare Effects of Greenbelt Policies: Evidence from England* Hans R.A. Koster, Vrije Universiteit Amsterdam; Mohammad Saeed Zabihidan, Razi University of Kermanshah
- *Market access matters even more: Revisiting the costs of remoteness* Maximilian von Ehrlich, University of Bern; Tobias Seidel, University of Duisburg-Essen; Tobias Seidel, University of Duisburg-Essen

Discussants:

- Paul Carillo, George Washington University
- Hans R.A. Koster, Vrije Universiteit Amsterdam
- Tobias Seidel, University of Duisburg-Essen
- Kurt Schmidheiny, University of Basel

59. Housing and Real Estate II --*Tennyson*

Chair: Elena Irwin, Ohio State University

- *The Privilege of Power and Wealth: Evidence from China's Urban Land Market* Yang Yang, National University of Singapore; Long Wang, National University of Singapore
- *The spatial effects of the housing boom and Great Recession on residential land consumption and housing markets in the U.S.* Elena Irwin, Ohio State University; Nicholas Irwin, Ohio State University; Wangyang Lai, Ohio State University
- *The housing supply elasticity and the cost of agglomeration* Guillaume Chapelle, Sciences Po Paris

Discussants:

- Guillaume Chapelle, Sciences Po Paris
- Yang (Zoe) Yang, National University of Singapore
- Elena Irwin, Ohio State University

60. Regional and Rural Development II --Seymour

Chair: Jacob Moore, Colorado State University

- *Rural Migration and Entrepreneurship* Steven Deller, University of Wisconsin-Madison; Tessa Conroy, University of Wisconsin - Madison; Matthew Kures, University of Wisconsin - Madison
- *Do As I Do: An Application of Discrete Choice With Social Interactions to Entrepreneurship* Stephan Weiler, Colorado State University; Tessa Conroy, University of Wisconsin - Madison
- *The New Gig: The Impact of Non-employer Establishments on Future Employment and Non-employer Establishments* Jacob Moore, Colorado State University; Stephan Weiler, Colorado State University
- *Exploring the Sectoral Specificity of Information Spillovers from Entrepreneurship* Nicholas Kacher, Colorado State University; Stephan Weiler, Colorado State University

Discussants:

- Nicholas Kacher, Colorado State University
- Steven Deller, University of Wisconsin-Madison
- Stephan Weiler, Colorado State University
- Jacob Moore, Colorado State University

4:30 PM-5:30 PM

61. RSAI Long Range Planning Cmte. Mtg. (Invitation Only) --Plaza C

6:30 PM-8:00 PM

62. Evening Reception --Seymour/Grouse

Friday, 10 November

7:30 AM-8:00 PM

63. Registration --Regency Foyer

8:00 AM-10:00 AM

64. Climate change and environmental regional science I --*Balmoral*

Chair: KUN WANG, University of British Columbia

- *Marginal Effects of Overlapping Protected Areas: Evidence from the Sierra Nevada de Santa Marta, Colombia* Javier Perez, Banco de la Republica (The Central Bank of Colombia); Ivan Higuera, Banco de la Republica (The Central Bank of Colombia); Leonardo Bonilla, Banco de la Republica (The Central Bank of Colombia)
- *Disaster Adaptation Investments with Inter- and Intra-port Competition and Cooperation* KUN WANG, University of British Columbia; Anming Zhang, University of British Columbia
- *Community Resiliency and Interdependent Systems Using a Survey of Experts* Ann-Margaret Esnard, Georgia State University; Alberto Lamadrid, Lehigh University; Diana Mitsova, Florida Atlantic University; Alka Sapat, Florida Atlantic University

Discussants:

- Ann-Margaret Esnard, Georgia State University
- Javier Perez, Banco de la Republica (The Central Bank of Colombia)
- KUN WANG, University of British Columbia

65. Ethnic Minorities, Discrimination and Segregation --*Cavendish*

Chair: Cheng Cheng, University of Mississippi

- *The Demographic Aging of Suburbs* Peter Rogerson, University at Buffalo
- *"The Geography of Discrimination: An Interdepartmental Analysis of Traffic Stops using Surface Visibility"* Matthew Ross, Ohio State University; Stephen Ross, University of Connecticut; Jesse Kalinowski, University of Connecticut
- *The Effects of Publicized Police Violence on Policing, Trust and Crime: Evidence from the Ferguson Shooting* Cheng Cheng, University of Mississippi; Wei Long, Tulane University
- *The Fracking Impact on Road Deaths: Evidence from Oil and Gas Operations in North Dakota* Minhong Xu, University of Illinois Urbana-Champaign; Yilan Xu, University of Illinois - Urbana-Champaign

Discussants:

- Minhong Xu, University of Illinois Urbana-Champaign
- Peter Rogerson, University at Buffalo
- Matthew Ross, Ohio State University
- Cheng Cheng, University of Mississippi

66. Migration of Skilled Labor --*Constable*

Chair: Anja Rossen,

- *High-Skilled Immigration and the Skill Composition of Native Workers* Daniel Crown, The Ohio State University; Alessandra Faggian, Gran Sasso Science Institute; Jonathan Corcoran, University of Queensland
- *Graduate migration in Germany -- new evidence from an event history analysis* Anja Rossen,; Annekatrin Niebuhr, Institute of Employment Research (IAB); Anne Otto, IAB Institute for Employment Research; Christian Teichert, University of Hannover

- *Which Chinese Cities Are More Inclusive, and Why?* Wanyang Hu, UCLA; Rui Wang, University of California - Los Angeles

Discussants:

- Wanyang Hu, UCLA
- Daniel Crown, The Ohio State University
- Anja Rossen,

67. UEA 04C Advances in Data and Econometrics I --Cypress

Chair: Shulin Shen, Syracuse University

- *Measuring Aggregate Housing Wealth: New Insights from an Automated Valuation Model* Joshua Gallin, Federal Reserve Board of Governors; Raven Molloy, Federal Reserve Board of Governors; Eric Nielsen, Federal Reserve Board of Governors; Paul Smith, Federal Reserve Board of Governors; Kamila Sommer, Federal Reserve Board of Governors
- *What's Lost in the Aggregate: Lessons from a Dynamic, Local Index of Housing Supply* Anthony W. Orlando, University of Southern California; Christian L. Redfearn, University of Southern California
- *National and Regional Housing Vacancy: Insights Using Markov-Switching Models* Jeffrey P. Cohen, University of Connecticut; Cletus Coughlin, Federal Reserve Bank of St. Louis; Jonas Crews, Federal Reserve Bank of St. Louis
- *Unobserved Demand Shocks and Housing Market Dynamics in a Model with Spatial Variation in the Elasticity of Supply* Badi H. Baltagi, Syracuse University; Stuart Rosenthal, Syracuse University; Shulin Shen, Syracuse University

Discussants:

- Anthony W. Orlando, University of Southern California
- Cletus Coughlin, Federal Reserve Bank of St. Louis
- Shulin Shen, Syracuse University
- Raven Molloy, Federal Reserve Board of Governors

68. Spatial Econometrics --Dover

Chair: WEI KANG, Arizona State University

- *Spillover effects in spatial models: Generalizations and extensions* Gianfranco Piras, CUA; Harry Kelejian, University of Maryland
- *Regional Income Mobility measures and Spatial Dependence* WEI KANG, Arizona State University; Sergio Rey, University of California - Riverside
- *Testing the Significance of Impact Measures in Spatial Econometric Models* Giuseppe Arbia, Università della Svizzera italiana; Anil Bera, University of Illinois - Urbana-Champaign; Osman Dogan, University of Illinois - Urbana-Champaign

Discussants:

- Giuseppe Arbia, Università della Svizzera italiana
- Gianfranco Piras, CUA
- WEI KANG, Arizona State University

69. Spatial Statistics --English Bay

Chair: Gene Burinskiy, University of Southern California

- *Using Administrative Spatial Micro-data to Predict Teardown: A Land Use Approach for a Metropolitan Area* Sarah Desaulniers, Université Laval; Jean Dubé, Laval University; Antoine Binette, Laval University; Louis-Philippe Bédard, Laval University; Emmanuelle Leblanc, Laval University
- *Predicting Commercial Gentrification: Applications of Machine Learning to Yelp Data in San Diego* Gene Burinskiy, University of Southern California
- *Exploring the Effects of an Economic Recession on Accessibility to Jobs in Indiana* Davis Chacon-Hurtado, Purdue University; Indraneel Kumar, Purdue University; Nadia Gkritza, Purdue University; Jon D. Fricker, Purdue University

Discussants:

- Davis Chacon-Hurtado, Purdue University
- Sarah Desaulniers, Université Laval
- Gene Burinskiy, University of Southern California

70. UEA 04A Housing Supply I --Grouse

Chair: Jenny Schuetz, Federal Reserve Board of Governors

- *The political economy of housing supply - evidence from Australian cities* Samantha Myers, New York University Abu Dhabi
- *Concentration and market cycles in the production of new housing* Jacob Neal Cosman, Johns Hopkins University; Luis E. Quintero, Johns Hopkins University
- *Housing supply elasticity and growth: Evidence from Italian cities* Antonio Accetturo, Bank of Italy; Andrea R. Lamorgese, Bank of Italy; Sauro Mocetti, Bank of Italy; Dario Pellegrino, Bank of Italy
- *Teardowns, Pops and Bump-outs: How does housing supply change?* Jenny Schuetz, Federal Reserve Board of Governors

Discussants:

- Jacob Neal Cosman, Johns Hopkins University
- Andrea R. Lamorgese, Bank of Italy
- Jenny Schuetz, Federal Reserve Board of Governors
- Samantha Myers, New York University Abu Dhabi

71. Housing IV --Kensington

Chair: Mark van Duijn, University of Groningen

- *Predictive Modeling of Surveyed Property Conditions and Vacancy* Stephan Whitaker, Federal Reserve Bank of Cleveland; Hal Martin, Federal Reserve Bank of Cleveland; Francisca G.-C. Richter, Case Western Reserve University; Isaac Oduro, Case Western Reserve University; Eamon Johnson, Case Western Reserve University; April Urban, Case Western Reserve University
- *Legacies of Lead -- Estimating Homebuyer Response to Lead Exposure* Nicholas Irwin, Ohio State University
- *Heterogeneous effects of the decrease in property transfer taxes on housing market segments in the Netherlands* Mark van Duijn, University of Groningen

- *What contributes to the rising house price in Beijing?: a decomposition approach* Lei Zhang, North Dakota State University; Yimin Yi, Syracuse University

Discussants:

- Lei Zhang, North Dakota State University
- Stephan Whitaker, Federal Reserve Bank of Cleveland
- Nicholas Irwin, Ohio State University
- Mark van Duijn, University of Groningen

72. Cities in Developing Countries I --Lord Byron

Chair: Luis E Quintero, Johns Hopkins University

- *The Impact of Urbanization on Energy Consumption in the Global South. Evidence across Countries, Cities and Neighborhoods.* Peter Mulder, Free University, Amsterdam; Sotya Fevriera, Satya Wacana Christian University, Salatiga, Indonesia; Gilberto Mahumane, Eduardo Mondlane University, Maputo, Mozambique; Joep Tijm, Free University, Amsterdam
- *Market Size, Competition, and Firm Productivity for Manufacturing in China* Chengri Ding, University of Maryland - College Park; Yi Niu, Capital University of Economics and Business
- *Explaining Spatial Variations in Productivity: Evidence from 16 LAC Countries* Luis E. Quintero, Johns Hopkins University; Mark Roberts, World Bank
- *Landlocked Countries and Transportation Challenges: Impact of Transportation on Economic Growth of Afghanistan* Mohammad Masoud Azimi, Technical University Berlin

Discussants:

- Mohammad Masoud Azimi, Technical University Berlin
- Peter Mulder, Free University, Amsterdam
- Chengri Ding, University of Maryland - College Park
- Luis E Quintero, Johns Hopkins University

73. Transportation and Congestion --Oxford

Chair: Daniel Brent, Louisiana State University

- *Congestion Externality and Autonomous Vehicles.* Federico Boffa, Free University of Bolzano; Alessandro Fedele, Free University of Bolzano; Alberto Iozzi, University of Rome Tor Vergata
- *Empirical problems with the bottleneck model* Jonathan Hall, University of Toronto
- *Traffic and the Provision of Public Goods* Daniel Brent, Louisiana State University; Louis-Philippe Beland, Louisiana State University

Discussants:

- Stuart A Gabriel, UCLA
- Federico Boffa, Free University of Bolzano
- Jonathan Hall, University of Toronto
- Daniel Brent, Louisiana State University

74. Crime --Prince of Wales

Chair: Eduardo Almeida, Federal University of Juiz de Fora

- *Crime, unemployment, and vacancy in Baltimore City* Qiong Peng, University of Maryland
- *Impact Assessment of Municipal Guard on Crime in Brazil* Eduardo Almeida, Federal University of Juiz de Fora; Tauã Vital, Federal University of Juiz de Fora
- *Naloxone access law and opioid overdose in the U.S.* Elham Erfanian; Alan Collins, West Virginia University; Daniel Grossman Grossman, West Virginia University

Discussants:

- elham erfanian,
- Qiong Peng, University of Maryland
- Eduardo Almeida, Federal University of Juiz de Fora

75. RSAI Council Meeting (Invitation Only) --Plaza C

76. GeoComputation 1: Land Use Applications --Regency F

Chair: YU HUANG, UNIVERSITY OF WATERLOO

- *Towards a time-dynamic 2D / 3D web mapping platform adapted to citizen participation.* Frederick Lafrance, Laval University; Sylvie Daniel, Laval University; Sehl Mellouli, Laval University
- *A Combinatorial Approach to Quantify the Effects of Thematic and Spatial Resolution on the Classification of Land Use* Alexander Smith, University of Waterloo; Derek Robinson, University of Waterloo
- *Interpreting and Modelling the Housing Market from Individual Behaviours* YU HUANG, UNIVERSITY OF WATERLOO; Dawn Parker, University of Waterloo
- *A GIS Model for Planning and Evaluating the Integration of Unmanned Aerial Systems into Logistic Transportation Networks using Remote Pilot Control Stations* Michael Resig, George Mason University

Discussants:

- Michael Resig, George Mason University
- Frederick Lafrance, Laval University
- Alexander Smith, University of Waterloo
- YU HUANG, UNIVERSITY OF WATERLOO

77. UEA 04B Neighborhoods II --Stanley

Chair: Matz Dahlberg, Uppsala University

- *Immigrant Location and Native Residential Preferences: Emerging Guettos or New Communities?* Albert Saiz, Massachusetts Institute of Technology
- *Moving Mountains: Geography, Neighborhood Sorting, and Spatial Income Segregation* Yifan Ye, Boston University; Charles Becker, Duke University
- *The Effect of Decentralized Racial Preferences* Peter Blair, Clemson University; Patrick Bayer,; Yifan Ye, Boston University
- *Migrating Natives and Foreign Immigration* Matz Dahlberg, Uppsala University

Discussants:

- Yifan Ye, Boston University
- Peter Blair, Clemson University

- Matz Dahlberg, Uppsala University
- Albert Saiz, Massachusetts Institute of Technology

78. Transportation Network Modeling --Tennyson

Chair: Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada

- *Estimating local road network connectivity at high resolution for all roads on planet Earth* Chris Barrington-Leigh, McGill University; Adam Millard-Ball, University of California - Santa Cruz
- *Exploring the use of time-varying graphs for modelling transit networks* Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada; Emerson Cavalheri, University of New Brunswick; Monica Wachowicz, University of New Brunswick
- *Let's go to the polls, optimally: Spatial optimization for polling place siting* Levon Mikaelian, Florida State University

Discussants:

- Levon Mikaelian, Florida State University
- Chris Barrington-Leigh, McGill University
- Ikechukwu Nnamdi Derek Maduako, University of New Brunswick Canada

79. Discussion Panel - Disasters Field: 25 Years of Regional Science Contribution and Imperatives for Future Research --Regency D

Organizer: Adam Rose, University of Southern California

Chair: Adam Rose, University of Southern California

Panelists: Yasuhide Okuyama, The University of Kitakyushu; Stephanie E. Chang, University of British Columbia; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign; Adam Rose, University of Southern California

Discussant:

- Adam Rose, University of Southern California

80. Regional and Rural Development III --Seymour

Chair: Tim Komarek, Old Dominion University

- *The Decline of Local Banking in the United States* Luke Petach, Colorado State University
- *Tax Incentive and Job Creation in Underserved Neighborhoods: Evidence from New Market Tax Credit Program (NMTC)* Anil Rupasingha, USDA Economic Research Service; Alexander Marre, USDA Economic Research Service
- *Post-Recession Changes in the US Housing Market* Devin Bunten, Federal Reserve Board of Governors
- *Local Spending Multipliers and Government Spending: Metro Area Evidence from the Sequester* Tim Komarek, Old Dominion University; Gary Wagner, Federal Reserve Bank of Cleveland
- *Rural Development Theories: A Matter of Aggregation* Peter V. Schaeffer, West Virginia University; Randall W. Jackson, West Virginia University

Discussants:

- Peter V Schaeffer, West Virginia University
- Luke Petach, Colorado State University
- Anil Rupasingha, USDA Economic Research Service
- Devin Bunten, Federal Reserve Board of Governors
- Tim Komarek, Old Dominion University

10:00 AM-10:30 AM

81. Coffee Break --Regency Foyer

10:00 AM-11:30 AM

82. RSPP Editorial Board Meeting (Invitation Only) --Plaza C

83. Special Session: Regional Science in the Past: What Can Archives Tell Us? --Regency F

Organizer: Peter Batey, University of Liverpool

Discussant:

- Peter Batey, University of Liverpool

10:30 AM-12:30 PM

84. Economics of Agriculture I --Balmoral

Chair: Cherry Kim, Seoul National University

- *Making Sense of the Dollars Spent at Farmers' Markets in the Vancouver Area* Tracy Stobbe, Trinity Western University
- *Agricultural Trade Reform, Reallocation and Technical Change: Evidence from the Canadian Prairies* Mark Brown, Statistics Canada; Shon Ferguson,; Crina Vijju, Carleton University
- *Analyzing Price Stabilization Effects of U.S. Sugar Programs: Pre- and Post-NAFTA Periods* Cherry Kim, Seoul National University; Kwansoo Kim, Seoul National University
- *The Ricardian model of climate change impact meets the Ricardian model of trade* Zhangliang Chen, University of Illinois - Urbana-Champaign; Sandy Dall Erba, University of Illinois

Discussants:

- Zhangliang Chen, University of Illinois - Urbana-Champaign
- Tracy Stobbe, Trinity Western University
- Mark Brown, Statistics Canada
- Cherry Kim, Seoul National University

85. Investment I --Cavendish

Chair: Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

- *Inward FDI and Regional Performance in Europe after the Crisis* Riccardo Crescenzi, London School of Economics; Roberto Ganau, London School of Economics
- *Analyzing Potential Trade-offs of Regional Funds in Brazil* Eduardo Haddad, FEA-USP
- *Regional patterns and determinants of FDI in Mexico: a panel data approach* Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas; Gregorio Castro Rosales, Universidad Autonoma Agraria Antonio Narro; Miriam Valdes Ibarra, Universidad Autonoma de Coahuila
- *Multinational enterprises, cognitive relatedness and employment in European regions* Nicola Cortinovis, Erasmus University Rotterdam; Riccardo Crescenzi, London School of Economics; Frank van Oort, Erasmus University Rotterdam

Discussants:

- Nicola Cortinovis, Erasmus University Rotterdam
- Riccardo Crescenzi, London School of Economics
- Eduardo Haddad, FEA-USP
- Ramiro Esqueda Walle, Universidad Autonoma de Tamaulipas

86. Environmental Issues I --Constable

Chair: Katsuhiro Sakurai, Risho University

- *A Study on the Benefit of Leisure Sports Facilities and the Influence of Physical and Mental Health base on the view of Healthy City* Chien-Wen Lo, Ming Chuan University,; Chia-Nung Li, Chinese Culture University; Tsu-Hsin Hsu, Department of Tourism, Ming Chuan University
- *Modelling urban sustainability to aid policy development: the example of Aveiro Coastal Lagoon Region* Tanya C.J. Esteves, Aveiro University; Eric Vaz, Ryerson University; Fátima Lopes Alves, Aveiro University
- *The Simulation Model of the Environment-economic Policy Evaluation Based on the Catchment Area* Katsuhiro Sakurai, Risho University; Hiroyuki SHIBUSAWA, Toyohashi University of Technology
- *Risk Avoidance and Environmental Hazards: Effects of the Transboundary Haze Pollution in Singapore* Yang Yang, National University of Singapore; Sumit Agarwal, Georgetown University; Tien Foo Sing, National University of Singapore

Discussants:

- Yang (Zoe) Yang, National University of Singapore
- Chien-Wen Lo, Ming Chuan University,
- Tanya C.J. Esteves, Aveiro University
- Katsuhiro Sakurai, Risho University

87. UEA 05C Crime I --Cypress

Chair: Emily Weisburst, University of Texas - Austin

- *Not in My Backyard? Not so Fast. The Effect of Marijuana Legalization on Neighborhood Crime* Jeffrey Brinkman, Federal Reserve Bank of Philadelphia; David Mok-Lamme,
- *The impact on urban crime of regulating cannabis social clubs: evidence from a natural experiment* Daniel Montolio, University of Barcelona; Xavier Tibau, University of Barcelona
- *Why Corruption Matters: A Systematic Analysis from Global Commercial Real Estate Transactions* Tien Foo Sing, National University of Singapore; Long Wang, National University of Singapore
- *How much do individual police officers matter? An analysis of police influence on arrests using responses to calls for service* Emily Weisburst, University of Texas - Austin

Discussants:

- Daniel Montolio, University of Barcelona
- Long Wang, National University of Singapore
- Emily Weisburst, University of Texas - Austin
- Jeffrey Brinkman, Federal Reserve Bank of Philadelphia

88. Cities in Developing Countries II --Dover

Chair: Oualid Moussouni, University of Quebec - Montreal

- *Ethnic segregation and residential location choice in Cape Town* Tatjana Ibraimovic, University of Leeds
- *Income segregation in monocentric and polycentric cities: Does urban form really matter?* Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona; Ana I. Moreno-Monroy, Autonomous University of Barcelona - CREIP
- *Continuous measures of segregation: A distance-based approach* Oualid Moussouni, University of Quebec - Montreal; Kristian Behrens, University of Quebec - Montreal
- *The Spatial Misallocation of Capital and Labor in China: A Welfare Analysis Based on Urban Accounting* Shangming Yang, National University of Singapore; Yuming Fu, National University of Singapore; Yi Lu, National University of Singapore

Discussants:

- Shangming Yang, National University of Singapore
- Tatjana Ibraimovic, University of Leeds
- Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona
- Oualid Moussouni, University of Quebec - Montreal

89. UEA 05D Migration, Public Policy and Growth II --English Bay

Chair: Yasuhiro Sato, University of Tokyo

- *Tax-Induced Household Mobility: Evidence from Intra-City Income Tax Variation* Marcus Roller, University of Bern; Kurt Schmidheiny, University of Basel
- *Fast Locations and Slowing Labor Mobility* Kyle Mangum, Georgia State University; Patricke Coate, American Institute for Economic Research
- *Identifying the Effects of Place-Based Policies - Causal Evidence from Germany* Matthias Brachert, Halle Institute for Economic Research
- *Demographics, immigration, and market size* Koichi Fukumura, Osaka University; Kohei Nagamachi, Kagawa University; Yasuhiro Sato, University of Tokyo; Kazuhiro Yamamoto, Osaka University

Discussants:

- Kyle Mangum, Georgia State University
- Matthias Brachert, Halle Institute for Economic Research
- Yasuhiro Sato, University of Tokyo
- Marcus Roller, University of Bern

90. UEA 05A Housing - Micro II --Grouse

Chair: Christopher M. Clapp, Florida State University

- *Agent Intermediation and Racial Price Differentials* Adam Nowak, West Virginia University; Patrick Smith, San Diego State University
- *Housing Wealth, Bequests, and the Elderly* Nadia Greenhalgh-Stanley, Kent State University; Curtis L. Reynolds, Kent State University
- *Do Homebuyers Pay a Premium for "Best Places to Live" Cities?* Hayoung Kim, London School of Economics

- *The Effects of the BP Deepwater Horizon Oil Spill on Housing Markets* Javier Cano-Urbina, Florida State University; Christopher M. Clapp, Florida State University; Kevin Willardsen, Florida State University

Discussants:

- Nadia Greenhalgh-Stanley, Kent State University
- Hayoung Kim, London School of Economics
- Christopher M. Clapp, Florida State University
- Patrick Smith, San Diego State University

91. Housing V --Kensington

Chair: Jae-Wan Ahn, Ohio State University

- *The Impact of Home Ownership on Life Satisfaction in Urban China: A Propensity Score Matching Analysis* Honghao Ren, Northwestern Polytechnical University; Henk Folmer, University of Groningen; Arno van der Vlist, University of Groningen
- *Spatial Variation in Housing Market Bust and Recovery Responses: Are Urban Areas More Resilient?* Jae-Wan Ahn, Ohio State University; Elena Irwin, Ohio State University
- *Ellis Act Evictions in San Francisco: 'absolute' and 'relative' clustering* Matthew Lehnert, University of Toledo; Seth Williams, University of California - Irvine

Discussants:

- Matthew Lehnert, University of Toledo
- Honghao Ren, Northwestern Polytechnical University
- Jae-Wan Ahn, Ohio State University

92. Economic Development IV --Oxford

Chair: Susanne Frick, London School of Economics

- *Effects of Regional Unemployment on Wages in Vietnam* Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Van Phan thi Hong, Institute of Employment Research (IAB)
- *A Simultaneous Model of Youth Entrepreneurship and Financial Inclusion Across Developing Countries* Angela Lyons, University of Illinois - Urbana-Champaign; Sergio Contreras, University of Illinois
- *Special Economic Zones in emerging countries: What makes them tick?* Susanne Frick, London School of Economics; Andrés Rodríguez-Pose, London School of Economics
- *Achieving growth through the ballot box: The politics of Turkey's local economic development* Davide Luca, Gran Sasso Science Institute, L'Aquila, Italy

Discussants:

- Davide Luca, Gran Sasso Science Institute, L'Aquila, Italy
- Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung
- Angela Lyons, University of Illinois - Urbana-Champaign
- Susanne Frick, London School of Economics

93. Industrial Issues II --Prince of Wales

Chair: Basile Pfeiffer, CIRED

- *Artists, Engineers, and Aspects of Economic Growth in a Creative Region* Amit Batabyal, Rochester Institute Of Technology; Hamid Beladi, University of Texas - San Antonio
- *Positive density gradients in the standard monocentric model* Basile Pfeiffer, CIREN; Harris Selod, World Bank; Vincent Viguié, Ecole des Ponts ParisTech
- *Expected dynamic trajectories of population distribution in a monocentric city* Justin Delloye, Université catholique de Louvain; Dominique Peeters, Université catholique de Louvain; Joe Tharakan, Université de Liège

Discussants:

- Justin Delloye, Université catholique de Louvain
- Amit Batabyal, Rochester Institute Of Technology
- Basile Pfeiffer, CIREN

94. Natural and Other Disasters 1: Advances in CGE modeling methods --Seymour

Chair: Adam Rose, USC

- *Local Government Tax Policies in Natural Disaster Recovery: A Case Study for Shelby County, Tennessee under the Earthquake Struck Using CGE Modeling Techniques.* Yuchen Hu, Colorado State University
- *Modeling Spatial Commuting with CGE Analysis* Jeffrey Davis, Colorado State University
- *Measuring the Economic Consequence of Cyber-Attacks and Cyber Resilience: A Computable General Equilibrium Modeling Approach* Adam Rose, USC; Zhenhua Chen, The Ohio State University
- *Integrating engineering and spatial CGE models to estimate the prompt and long-term economic impacts of the Joplin tornado* Martin Shields, Colorado State University; Harvey Cutler, Colorado State University

Discussants:

- Martin Shields, Colorado State University
- Yuchen Hu, Colorado State University
- Jeffrey Davis, Colorado State University
- Adam Rose, USC

95. UEA 05B Transportation II --Stanley

Chair: Stephan Heblich, University of Bristol

- *How and how much do public transportation megaprojects induce urban agglomeration? The case of Grand Paris project* Alex Anas, State University of New York at Buffalo; Huibin Chang, University of International Business and Economics, Beijing, People's Republic of China.
- *Accessibility and mobility in urban India* Prottoy Aman Akbar, University of Pittsburgh; Victor Couture, University of California - Berkeley; Ejaz Ghani, World Bank; Adam Storeygard, Tufts University; Gilles Duranton, University of Pennsylvania
- *Commuting, Labor, and Housing Market Effects of Mass Transportation: Welfare and Identification* Christopher Severen, University of California - Santa Barbara
- *Commuting Fast and Slow: The Effects of High Speed Rail* Stephan Heblich, University of Bristol; Helen Simpson, University of Bristol

Discussants:

- Gilles Duranton, University of Pennsylvania
- Christopher Severen, University of California, Santa Barbara

- Stephan Heblich, University of Bristol
- Alex Anas, State University of New York at Buffalo

96. Climate change and environmental regional science II --Tennyson

Chair: Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.)

- *Temporary Migration as a Coping Strategy Following Weather Shocks: Evidence from Rural India* Yong Kim, Purdue University; Brigitte Waldorf, Purdue University; Juan Sesmero, Purdue University
- *The Spatial Structure of Endowments, Trade, and Inequality: Evidence from the Global Climate* Jonathan Dingel, University of Chicago; Solomon Hsiang, University of California - Berkeley; Kyle Meng, University of California - Santa Barbara
- *A spatial analysis of climate change impact on pest and disease outbreaks of major crops and its economic impact* Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.); Seong-Hoon Cho, University of Tennessee; Gwan-Won Kim, Gyeongsang National University
- *The Economic Impacts of Climate Change on Agriculture in Turkey* Aysun Aygün, Istanbul Technical University; Tuzin Baycan, Istanbul Technical University

Discussants:

- Aysun Aygün, Istanbul Technical University
- Yong Kim, Purdue University
- Jonathan Dingel, University of Chicago
- Taeyoung Kim, Gyeongsang National University (Inst. of Agri. & Life Sci.)

97. Special Session: GeoComputation 2: Networks --Lord Byron

Chair: James Gaboardi, Florida State University

- *Network agent-based approach for modeling regional patterns of forest insect infestation* Taylor Anderson, Simon Fraser University; Suzana Dragicevic, Simon Fraser University
- *Multilevel analysis of neural network-driven spatial models* Minrui Zheng,; Wenwu Tang, University of North Carolina - Charlotte
- *Connecting Points to Spatial Networks: Effects on Discrete Spatial Network Optimization Models* James Gaboardi, Florida State University; Mark Horner, Florida State University; David Folch, Florida State University
- *Regional Spatial Networks in GIS Education* Clio Andris, Penn State

Discussants:

- Clio Andris, Penn State
- Taylor Anderson, Simon Fraser University
- Minrui Zheng,
- James Gaboardi, Florida State University

98. Special Session: Natural and Other Disasters 2: Advances in resiliency and recovery methods --Regency D

Chair: Meri Davlasheridze, Texas A&M University Galveston Campus

- *The road to recovery: Estimating the costs of psychological trauma after natural disasters on economic growth* Christopher Keyes, Colorado State University
- *Modeling the resilience dividend: an approach for quantifying co-benefits of community resilience planning* Jennifer Helgeson, National Institute of Standards and Technology; Juan Fung, National Institute of Standards and Technology
- *Extreme Weather, Public Housing, and the Role of Public Policy* Meri Davlasheridze, Texas A&M University Galveston Campus; Qing Miao, Rochester Institute of Technology
- *Community Resilience, Natural Disaster Risk, and Climate Change: A Spatio-Temporal Assessment of the U.S. Mississippi River Basin* Hyun Kim, University of Notre Dame

Discussants:

- Hyun Kim, University of Notre Dame
- Christopher Keyes, Colorado State University
- Jennifer Helgeson, National Institute of Standards and Technology
- Meri Davlasheridze, Texas A&M University Galveston Campus

12:00 PM-1:30 PM

99. Lunch (On your Own) --

12:30 PM-2:00 PM

100. SRSA Business Meeting (Invitation Only) --Plaza C

12:30 PM-2:30 PM

101. RSAI Fellows Luncheon (Invitation Only) --Regency F

1:30 PM-3:30 PM

102. Economics of Agriculture II --Balmoral

Chair: Steven Manson, University of Minnesota

- *Territorial governance and proximity dynamics. The case of two public policy arrangements in the Brazilian Amazon* André Torre, INRA; Etienne Polge,
- *Responses of livestock numbers to spatial gradients and temporal variation in rainfall and productivity: Lessons from the Gobi desert* Henrik von Wehrden, Leuphana University; John-Oliver Engler, Leuphana University of Luxneburg; Petra Kaczensky, Research Institute of Wildlife Ecology; Karsten Wesche, Senckenberg Museum of Natural History Görlitz
- *Ecosocial Feedback for Multifunctional Agriculture as a Pathway to Land-Change Sustainability* Steven Manson, University of Minnesota
- *Interjurisdictional Spatial Externalities in Groundwater Management* Louis Sears, Cornell University; David Lim, University of California - Davis; C.-Y. Cynthia Lin Lawell, Cornell University

Discussants:

- Louis Sears, Cornell University
- André Torre, INRA
- Henrik von Wehrden, Leuphana University

- Steven Manson, University of Minnesota

103. Industrial Issues III --*Cavendish*

Chair: Paul Jung, University of North Carolina at Charlotte

- *A model of Central Place City hierarchy* Li Yao, University of Colorado at Boulder
- *Urban Hierarchy and Convergence of Global Cities* Paul Jung, University of North Carolina at Charlotte; Kyung-Min Kim, Seoul National University
- *Economic growth and congestion - a new methodology for agglomeration elasticities* Csaba Pogonyi, Imperial College London

Discussants:

- Csaba Pogonyi, Imperial College London
- Li Yao, University of Colorado at Boulder
- Paul Jung, University of North Carolina at Charlotte

104. Investment II --*Constable*

Chair: Luiz Carlos de Santana Ribeiro, UFS-BRAZIL

- *The effects of local public financial compositions on long-run economic growth* Dylan Jong, University of Groningen; Philip McCann, University of Sheffield; Viktor Venhorst, University of Groningen
- *Tax credit, firm investment and capital misallocation: Evidence from value-added tax reform in China* Hong Gao, Fudan University; Jianfeng Wu, Fudan University
- *Structuring investment and regional inequalities in the Brazilian Northeast* Luiz Carlos de Santana Ribeiro, UFS-BRAZIL; Edson Paulo Domingues, Federal University of Minas Gerais; Fernando Salgueiro Perobelli, Federal University of Juiz de Fora; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign
- *Big transport infrastructure investment and regional economic growth -- accessibility based approach* Bartłomiej Rokicki, University of Warsaw; Marcin Stepniak, Polish Academy of Sciences

Discussants:

- Bartłomiej Rokicki, University of Warsaw
- Dylan Jong, University of Groningen
- Hong Gao, Fudan University
- Luiz Carlos de Santana Ribeiro, UFS-BRAZIL

105. UEA 06C Transportation III --*Cypress*

Chair: Stephen Gibbons, London School of Economics

- *Transportation Networks and the Geographic Concentration of Employment* Dustin Frye, Vassar College
- *The Dependence of Housing Prices on Public Transportation when Household Quit Driving* Kecen Jing, National University of Singapore; Wen-Chi Liao, National University of Singapore; Daniel McMillen, University of Illinois - Urbana-Champaign
- *Measuring congestion costs of car commuters: A counterfactual approach* Jinwon Kim, California State University - Long Beach

- *THE SPATIAL IMPACTS OF A MASSIVE RAIL DISINVESTMENT PROGRAM: THE BEECHING AXE* Stephen Gibbons, London School of Economics; Stephan Heblich, University of Bristol; Edward Pinchbeck, London School of Economics

Discussants:

- Kecen Jing, National University of Singapore
- Jinwon Kim, California State University - Long Beach
- Stephen Gibbons, London School of Economics
- Dustin Frye, Vassar College

106. Transportation-Induced Economic and Neighborhood Dynamics --Dover

Chair: Marlon Boarnet, University of Southern California

- *Silicon Rail? Evaluating the Relationship between Rail Transit and High-Technology Business Creation in Five Regions* Kevin Credit, Michigan State University
- *Estimating the Impact of Proximity to Highway on House Prices: An Approach based on a Spatial Matching Estimator* Jean Dubé, Laval University; Yves-Bryand Yao, Laval University
- *Sustainability and Displacement: Assessing the Spatial Pattern of Residential Moves Near Rail Transit in Los Angeles County* Marlon Boarnet, University of Southern California; Seva Rodnyansky, University of Southern California; Raphael Bostic, University of Southern California; Raul Santiago-Bartolomei, University of Southern California; Danielle Williams, University of Southern California; Allen Prohofsky, California Franchise Tax Board
- *The impact of Transit Oriented Development on gentrification and displacement* John Cho, Southern California Association of Governments; Frank Wen, Southern California Association of Governments; Simon Choi, Chung-Ang University

Discussants:

- John Cho, Southern California Association of Governments
- Kevin Credit, Michigan State University
- Jean Dubé, Laval University
- Marlon Boarnet, University of Southern California

107. UEA 06A Housing and Governments II --Grouse

Chair: Tsur Somerville, University of British Columbia

- *Housing booms and busts and local fiscal policy* Albert Sole-Olle, Universitat de Barcelona; Elisabet Viladecans-Marsal, Universitat de Barcelona
- *On the Adverse Consequences of Constraining Second Home Investments* Christian A. L. Hilber, London School of Economics; Olivier Schoeni, University of Bern
- *Financing Risk and Information Bias in Housing Markets* Lu Han, University of Toronto; Seung-Hyun Hong, University of Illinois - Urbana-Champaign
- *Trying to Slowdown a Freight Train: An Evaluation of Chinese Macro-Policies to Slow the Housing Market* Tsur Somerville, University of British Columbia; Long Wang, National University of Singapore; Yang (Zoe) Yang, National University of Singapore

Discussants:

- Christian A. L. Hilber, London School of Economics

- Lu Han, University of Toronto
- Tsur Somerville, University of British Columbia
- Elisabet Viladecans-Marsal, Universitat de Barcelona

108. Resilience and Disaster --Kensington

Chair: Aysun Aygün, Istanbul Technical University

- *Social Capital Structure Analysis for Earthquake waste management* KIYOMI KAWAMOTO, Toyo University
- *Does Istanbul Environmental Plan Contribute to Urban Resilience?* Aysun Aygün, Istanbul Technical University; Ebru Kurt, Istanbul Technical University
- *Resilience of Disaster Recovery under the State Capitalism - the Case of 2015 Explosion in the hinterland of Tianjin Port, Mainland China* Chi-Tung Hung, Ming Chuan University; Wen-Yen Lin, Ming Chuan University; Chen-Ji Jiang, Ming Chuan University

Discussants:

- Chi-Tung Hung, Ming Chuan University
- KIYOMI KAWAMOTO, Toyo University
- Aysun Aygün, Istanbul Technical University

109. Location Modeling I --Lord Byron

Chair: Masashi Miyagawa, University of Yamanashi

- *An Analysis on the Duopoly Locations and Social Welfare in a Hotelling Market* Fu-Chuan Lai, Academia Sinica
- *Bi-objective model for optimal number and size of circular facilities* Masashi Miyagawa, University of Yamanashi
- *Is a Hierarchical System of Cities Stable in the Long Run? -In Search of a Simple and Robust Sorting Mechanism* Kiyoshi Yonemoto, Takasaki City University of Economics

Discussants:

- Kiyoshi Yonemoto, Takasaki City University of Economics
- Fu-Chuan Lai, Academia Sinica
- Masashi Miyagawa, University of Yamanashi

110. Economic Development V --Oxford

Chair: Maria Figueroa-Armijos, American University

- *Knowledge-based service economy and firm entry: An alternative to the Knowledge Spillover Theory of Entrepreneurship* Alexandra Tsvetkova, Ohio State University
- *Public Financing on Firm Survival and Performance: An examination of the manufacturing and knowledge intensive sectors in the United States* Maria Figueroa-Armijos, American University
- *Local industrial cohesion and its effects on business dynamics of single-unit and multi-unit firms* Alexandra Tsvetkova, Ohio State University; Mark Partridge, Ohio State University

Discussants:

- Alexandra Tsvetkova, Ohio State University
- Alexandra Tsvetkova, Ohio State University
- Maria Figueroa-Armijos, American University

111. Environmental Issues II --*Prince of Wales*

Chair: CHUN SONG, Purdue University

- *The Impact of Regional Environmental Amenity on Skill Aggregation across Regions: Evidence from Air Pollution in China* Seung-hun Chung, The Ohio State University
- *Coastal pollution versus beach attractiveness: a spatial hedonic approach* Rachel Guillain, Université de Bourgogne; Diego Legros, university of Burgundy; Houssein Oueslati, University of Burgundy
- *Tenure Stability and Environmental Performance: A Study of Chinese Cities* CHUN SONG, Purdue University
- *Tariff Reform and Air Pollution in Indonesia* Budy Resosudarmo, Australian National University; Yessi Vadila, Australian National University

Discussants:

- Budy Resosudarmo, Australian National University
- Seung-hun Chung, The Ohio State University
- Rachel Guillain, Université de Bourgogne
- CHUN SONG, Purdue University

112. Labor I --*Regency D*

Chair: Ting Zhang, University of Baltimore

- *New employees' self-employment experience as a source of productivity gains for firms* Emma Lappi, Jonkoping International Business School
- *Recession-Proof Skills* Amanda Weinstein, University of Akron
- *The Uneven Geography of "Bright Outlook" Occupations in the United States* Abigail Cooke, SUNY - Buffalo
- *Economic Impact of Boomer Entrepreneurship and its Heterogeneity* Ting Zhang, University of Baltimore
- *Do firms use employees' cultural background as a mean to reduce trade barriers?* Tina Wallin, Jonkoping International Business School; Mikaela Backman, Jonkoping International Business School; Lina Bjerke, Jonkoping International Business School

Discussants:

- Tina Wallin, Jonkoping International Business School
- Emma Lappi, Jonkoping International Business School
- Amanda Weinstein, University of Akron
- Abigail Cooke, SUNY - Buffalo
- Ting Zhang, University of Baltimore

113. Climate change and environmental regional science III --*Seymour*

Chair: Yuko Akune, Reitaku University

- *Interbasin water transfers and the size of regions: An economic geography example* Juan Carlos Lopez, University of Denver
- *Climate Change Displacement: Spatial-Dynamic Modeling of Occurrence, Effects, and Adaptation* Kieran Donaghy, Cornell University
- *Cultivar Diversity as a Means of Regional Adaptation to Climate Change on Green Tea Production in Japan* Yuko Akune, Reitaku University
- *Modeling Policies to Address Climate Change and Housing Affordability in the Bay Area* Paul Waddell, University of California, Berkeley; Samuel Maurer, University of California - Berkeley

Discussants:

- Paul Waddell, University of California, Berkeley
- Juan Carlos Lopez, University of Denver
- Kieran Donaghy, Cornell University
- Yuko Akune, Reitaku University

114. UEA 06B Neighborhoods III --Stanley

Chair: Guillermo Alves, Brown University

- *Are Neighborhoods Changing Less? The Increasing Prevalence of Persistence in U.S Metropolitan Areas from 1970-2010* Thom Malone, University of Southern California; Christian L. Redfearn, University of Southern California
- *Long Run Consequences of Neighborhood Change* Nathaniel Baum-Snow, University of Toronto; Daniel Hartley, Federal Reserve Bank of Chicago; Kwan Ok Lee, National University of Singapore
- *Where to Visit vs Where to Live: The Relative Profitability of Airbnb in New York City's Neighborhoods* Peter Coles,; Michael Egesdal,; Ingrid Gould Ellen, New York University; Xiaodi Li,; Arun Sundararajan,
- *Slum Growth in Brazilian Cities* Guillermo Alves, Brown University

Discussants:

- Daniel Hartley, Federal Reserve Bank of Chicago
- Ingrid Ellen, NYU
- Guillermo Alves, Brown University
- Thom Malone, University of Southern California

115. Special Session: GeoComputation 3: GIS --English Bay

Chair: Zhaoya Gong, University of Birmingham

- *Bi-partite graphs for regional mobility analytics in the era of the Internet of Mobile Things* Kaine Black, University of New Brunswick; Lola Arteaga, University of New Brunswick; Monica Wachowicz, University of New Brunswick
- *Developing a spatial analysis package with ArcGIS Engine and R* Hyeongmo Koo, The University of Texas at Dallas; Yongwan Chun, University of Texas - Dallas; Daniel Griffith, University of Texas - Dallas
- *Reconstruction and Inference of Functional Spaces with Location-based Social Media Data: A Case Study of the US Presidential Election* Zhaoya Gong, University of Birmingham; Jean-Claude Thill, University of North Carolina - Charlotte; Tengting Cai, University of North Carolina - Charlotte
- *Dealing with spatial data problems: New options for no so new problems. Applications to the Spanish case.* Andres Vallone, Madrid Autonomous University; Coro Chasco, Madrid Autonomous University

Discussants:

- Andres Vallone, Madrid Autonomous University
- Kaine Black, University of New Brunswick
- Hyeongmo Koo, The University of Texas at Dallas
- Zhaoya Gong, University of Birmingham

116. Regional and Rural Development IV --Tennyson

Chair: Daniel Crown, The Ohio State University

- *Determinants of Rural Business Innovation* Brian Whitacre, Oklahoma State University; Devon Meadowcraft, Oklahoma State University; Roberto Gallardo, Mississippi State University
- *The Effects of Sources of Innovation on Innovation Type: Firm-Level Evidence from the United States* Timothy Slaper, Indiana University; Mehmet Demircioglu, Indiana University; David Audretsch, Indiana University
- *Varieties of Innovation and Firm Survival: Does Pursuit or Incremental or Far-Ranging Innovation Make Firms More Resilient?* Daniel Crown, The Ohio State University; Anil Rupasingha, USDA Economic Research Service; Tim Wojan, USDA Economic Research Service
- *The Impact of Knowledge Management Strategies on Innovation Outcomes of Rural and Urban Businesses in the United States* Kathryn Dotzel, Ohio State University

Discussants:

- Kathryn Dotzel, Ohio State University
- Brian Whitacre, Oklahoma State University
- Timothy Slaper, Indiana University
- Daniel Crown, The Ohio State University

3:30 PM-4:00 PM

117. Coffee Break --Regency Foyer

4:00 PM-6:00 PM

118. Labor II --Balmoral

Chair: Duncan Roth, Institute for Employment Research

- *IMMIGRATION, SPATIAL JOB SEARCH, AND COMMUTING TIMES ACROSS ROUTINE AND NON-ROUTINE JOBS: Evidence from Sweden using geo-coded data* Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN); Maria Abreu, University of Cambridge; Stuart McIntyre,
- *The Impact of Local Labor Market Conditions on Intergenerational Mobility* Bo Feng, The Ohio State University; Mark Partridge, Ohio State University
- *The decline of routine jobs and occupational mobility* Duncan Roth, Institute for Employment Research; Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Wolfgang Dauth,
- *Are inclusive cities more productive? Evidence from internal migration control in China* Wanyang Hu, UCLA; Rui Wang, University of California - Los Angeles

Discussants:

- Wanyang Hu, UCLA

- Ozge Oner, Jonkoping International Business School & Research Institute of Industrial Economics (IFN)
- Bo Feng, The Ohio State University
- Duncan Roth, Institute for Employment Research

119. Housing VI --*Cavendish*

Chair: Richard H Rijnks, University of Groningen

- *Assessing the Economic Value of Cultural Heritage: A Study from the Norwegian Housing Market* Ida Qvenild Nessel, NTNU Business School
- *A Quantitative Approach to Gentrification: Determinants of Gentrification in U.S. Cities, 1970-2010* Richard Martin, University of Georgia
- *The Value of a Happy Home* Richard H. Rijnks, University of Groningen; Stephen Charles Sheppard, Williams College
- *When The Neighborhoods Goes: Rising House Prices, Displacement, and Resident Financial Health* Devin Bunten, Board of Governors of the FRS

Discussants:

- Devin Bunten, Federal Reserve Board of Governors
- Ida Qvenild Nessel, NTNU Business School
- Richard Martin, University of Georgia
- Richard H Rijnks, University of Groningen

120. Industrial Issues IV --*Constable*

Chair: Elizabeth Dobis, Purdue University

- *Matching patterns in mergers and acquisitions* Michiel Gerritse, University of Groningen; Steven Brakman, Groningen University; Harry Garretsen, Groningen University
- *City-center and location decisions: Barcelona over one century* Miquel Angel Garcia-Lopez, Universitat Autònoma de Barcelona; Rosella Nicolini, Universitat Autònoma de Barcelona; Jose Luis Roig Sabate, Universitat Autònoma de Barcelona
- *Urban Settlement in the United States: Birth, Location, and Growth of Incorporated Places* Elizabeth Dobis, Purdue University; Michael Delgado, Purdue University; Raymond Florax, Purdue University
- *Population in American Cities between 1990 and 2010: Hierarchy and Spatial Contagion* Elizabeth Dobis, Purdue University; Michael Delgado, Purdue University; Raymond Florax, Purdue University; Peter Mulder, Free University, Amsterdam
- *The Rank-Size Distribution Revisited* John Parr, University College London

Discussants:

- John Parr, University College London
- Michiel Gerritse, University of Groningen
- Miquel-Angel Garcia-Lopez, Autonomous University of Barcelona - Institut d'Economia de Barcelona
- Elizabeth Dobis, Purdue University
- Elizabeth Dobis, Purdue University

121. UEA 07C labor markets II --*Cypress*

Chair: Claudia Macaluso, W.E. Upjohn Institute for Employment Research

- *Wages, Migration, and Urban Amenities: Do Smarter People Move to Better Places?* David Albouy, University of Illinois - Urbana-Champaign; Jason Faberman, Federal Reserve Bank of Chicago
- *The Impact of Weather on Local Employment: Using Big Data on Small Places* Daniel John Wilson, Federal Reserve Bank of San Francisco
- *Local Labor Markets in Canada and the United States* David Albouy, University of Illinois - Urbana-Champaign; Chandler Lutz, Copenhagen Business School; Casey Warman, Dalhousie University
- *Skill remoteness and post-layoff labor market outcomes* Claudia Macaluso, W.E. Upjohn Institute for Employment Research

Discussants:

- Daniel Wilson, San Francisco Fed
- David Albouy, University of Illinois
- Claudia Macaluso, W.E. Upjohn Institute for Employment Research
- Jason Faberman, Federal Reserve Bank of Chicago

122. Transportation I --Dover

Chair: Chris Barrington-Leigh, McGill University

- *Parking policy, cruising for parking externalities and deadweight loss of parking supply* Jos van Ommeren, VU University Amsterdam; Michael McIvor,
- *CAFE Standards vs. Fuel Taxes - The Role of Urban Form* Waldemar Marz, ifo Institute; Frank Goetzke, University of Louisville
- *Road network sprawl: a global, dynamic analysis* Chris Barrington-Leigh, McGill University; Adam Millard-Ball, University of California - Santa Cruz
- *Access to Public Transit and Neighborhood Diversity* Prottoy Aman Akbar, University of Pittsburgh

Discussants:

- Prottoy Aman Akbar, University of Pittsburgh
- Jos van Ommeren, VU University Amsterdam
- Waldemar Marz, ifo Institute
- Chris Barrington-Leigh, McGill University

123. GeoComputation 4: Spatial Statistics --English Bay

Chair: Daniel Griffith, University of Texas - Dallas

- *Exploring stepwise eigenvector selection criteria to implement eigenvector spatial filtering* Monghyeon Lee, The University of Texas Dallas; Daniel Griffith, University of Texas - Dallas; Yongwan Chun, University of Texas - Dallas
- *A cascading approach for eigenvector spatial filter construction for large spatial tessellations* Yongwan Chun, University of Texas - Dallas; Daniel Griffith, University of Texas - Dallas
- *Empirical surface partitionings, K4 sub-graphs, and the inertia of spatial weights matrices* Daniel Griffith, University of Texas - Dallas; Nicholas Taliceo, University of Texas - Dallas
- *Scalable Gaussian Process Regression Models for Spatial Data* Jacob Dearmon, Oklahoma City University; Tony E. Smith, University of Pennsylvania

Discussants:

- Jacob Dearmon, Oklahoma City University
- Monghyeon Lee, The University of Texas Dallas
- Yongwan Chun, University of Texas - Dallas
- Daniel Griffith, University of Texas - Dallas

124. UEA 07A Commuting I --Grouse

Chair: Stuart A Gabriel, UCLA

- *Employer-Paid Parking, Mode Choice, and Suburbanization* Jan K Brueckner, University of California - Irvine; Sofia Franco, Nova School of Business and Economics
- *Do Gasoline Prices Affect Residential Property Values?* Edward Coulson, University of California, Irvine; Adele Morris, Brookings Institute; Helen Neill, University of Nevada - Las Vegas
- *The valuation of changes in commuting distances: An analysis using georeferenced data* Wolfgang Dauth, University of Wuerzburg; Peter Haller, Institute of Employment Research (IAB)
- *CAN'T GET THERE FROM HERE: AFFORDABILITY DISTANCE TO A SUPERSTAR CITY* Stuart A Gabriel, UCLA

Discussants:

- Edward Coulson, University of California, Irvine
- Peter Haller, Institute for Employment Research (IAB)
- Stuart A Gabriel, UCLA
- Jan K Brueckner, University of California - Irvine

125. Local Public Finance I --Kensington

- *The territorial fiscal gap in Colombia* Jaime Bonet, Banco de la Republica; Jhorland Ayala, Banco de la Republica
- *Has the fiscal decentralisation boosted the economic performance of municipalities in Mexico?* Cristina Ibarra-Armenta, Universidad Autonoma de Sinaloa; Albina Ramirez-Sanchez, Universidad Autonoma de Sinaloa
- *Vertical Fragmentation and Economic Growth in US Metropolitan Areas* Christopher Goodman, University of Nebraska at Omaha

126. Econometric Methods and Models --Lord Byron

Chair: Paul Elhorst, University of Groningen

- *Spatial dependence probit models for grouped-data migration flows* Luc Anselin, University of Chicago; Patricio Aroca, Universidad Adolfo Ibañez; Coro Chasco, Madrid Autonomous University
- *A dynamic spatial econometric diffusion model with common factors: the rise and spread of cigarette consumption in Italy* Paul Elhorst, University of Groningen; Carlo Ciccarelli, University of Rome Tor Vergata
- *What Happened to Human Development?: Out of Sample Prediction using Spatial Econometrics and RandomForest* Matthew Lehnert, University of Toledo

Discussants:

- Matthew Lehnert, University of Toledo
- Luc Anselin, University of Chicago
- Paul Elhorst, University of Groningen

127. Economic Development VI --Oxford

Chair: Steven Deller, University of Wisconsin-Madison

- *The Impact of Decentralization Revenue on Economic Growth and Wellbeing* Tatiane Menezes, Federal University of Pernambuco Brazil
- *Economic development "regimes" in the Great Lakes: explaining the use of municipal business incentives* Andrea Craft, University of Illinois at Chicago; Joshua Drucker, University of Illinois at Chicago; Rachel Weber, University of Illinois at Chicago
- *Do Tax and Expenditure Limitations Exacerbate Rising Income Inequality?* Steven Deller, University of Wisconsin-Madison; Craig Maher, University of Nebraska - Omaha; Judith Stallmann, University of Missouri - Columbia
- *Intergovernmental fiscal transfers as a mechanism for stimulating economic growth in Russian regions* Anna Mikhaylova, Institute for public finance reform

Discussants:

- Anna Mikhaylova, Institute for public finance reform
- Tatiane Menezes, Federal University of Pernambuco Brazil
- Andrea Craft, University of Illinois at Chicago
- Steven Deller, University of Wisconsin-Madison

128. Environmental Issues III --Prince of Wales

Chair: Henk Folmer, University of Groningen

- *Noise and the City: Spatiotemporal relationship between urban development patterns and residential noise complaints* Andy Hong, University of British Columbia; Michael Widener, University of Toronto; Byoungjun Kim, New York University
- *Do State Tax Breaks for Land Conservation Work?* Maria Soppelsa, World Bank
- *Covergence of energy intensity among provinces in China* Henk Folmer, University of Groningen
- *Induced Earthquakes and House Prices: Evidence from Oklahoma* Stephan Whitaker, Federal Reserve Bank of Cleveland; Ron Cheung, Oberlin College; Daniel Wetherell, EIG Services

Discussants:

- Stephan Whitaker, Federal Reserve Bank of Cleveland
- Andy Hong, University of British Columbia
- Maria Soppelsa, World Bank
- Henk Folmer, University of Groningen

129. Urban and Regional Policy --Regency D

Chair: Steven Brakman, Groningen University

- *High-speed Broadband and Educational Achievements* Filippo Boeri, London School of Economics

- *Education Surplus, Skills Mismatch and Technology* Ceren Ozgen, University of Birmingham; Marco G. Ercolani, University of Birmingham; Raymond J.G.M Florax, Purdue University
- *Firm heterogeneity and exports in The Netherlands: Identifying export potentials; location matters* Steven Brakman, Groningen University; Harry Garretsen, Groningen University; Raoul van Maarseveen, CPB Netherlands Bureau for Economic Policy Analysis; Peter Zwaneveld, CPB Netherlands Bureau for Economic Policy Analysis
- *A General Equilibrium Model of Formalization of a Dualistic Economy and Evidence from Indonesia* Yuwei Liu, National University of Singapore; Yuming Fu, National University of Singapore; Wen-Chi Liao, National University of Singapore

Discussants:

- Yuwei Liu, National University of Singapore
- Filippo Boeri, London School of Economics
- Ceren Ozgen, University of Birmingham
- Steven Brakman, Groningen University

130. The Journal of Regional Science Special Session --Regency E

131. Population: Applications --Regency F

Chair: Rafael González-Val, University of Zaragoza

- *A Typology of Population Change for U.S. Counties* Rachel Franklin, Brown University; Douglas Hopping, University of North Carolina - Chapel Hill
- *Quantity vs. Size: Defining Neighborhoods for Metro Area Comparisons* David Folch, Florida State University
- *Sub-national ethnic population projections using cohort change ratios -- An application to New Zealand* Michael Cameron, University of Waikato; Jacques Poot, University of Waikato
- *City size distribution and space* Rafael Gonzalez-Val, Universidad de Zaragoza & Institut d'Economia de Barcelona (IEB)
- *How Does the Age Structure Affect Local Economy in the US?* Xiaochen Zhang, Ohio State University

Discussants:

- Xiaochen Zhang, Ohio State University
- Rachel Franklin, Brown University
- David Folch, Florida State University
- Michael Cameron, University of Waikato
- Rafael González-Val, University of Zaragoza

132. TOD, Affordable Housing, and Commuting Preference --Seymour

Chair: Marlon Boarnet, University of Southern California

- *Ridership Impacts of Equitable Transit-Oriented Development in Denver, Colorado* Eleni Bardaka, North Carolina State University; John Hersey, Regional Transportation District
- *Path Dependence, Gasoline Shocks, and Transportation Choice* Christopher Severen, University of California, Santa Barbara
- *Sustainable and Affordable Housing Near Rail Transit* Marlon Boarnet, University of Southern California; Raphael Bostic, University of Southern California; Andrew Eisenlohr, University of Southern

California; Hue-Tam Jamme, USC; Seva Rodnyansky, University of Southern California; Raul Santiago-Bartolomei, University of Southern California

- *Beyond TOD: Accessibility-oriented development (AOD)* Robbin Deboosere, McGill University; David Levinson, University of Sydney; Ahmed El-Geneidy, McGill University

Discussants:

- Robbin Deboosere, McGill University
- Eleni Bardaka, North Carolina State University
- Christopher Severen, University of California, Santa Barbara
- Marlon Boarnet, University of Southern California

133. UEA 07B Retail, Firms and Locations I --Stanley

Chair: Nathan Schiff, Shanghai University of Finance and Economics

- *Is Amazon Killing Starbucks? How Online Retail Affects Local Economies* Lindsay Relihan, University of Pennsylvania
- *The urban economics of retail* Coen N. Teulings, University of Amsterdam; Ioulia V. Ossokina, Eindhoven University of Technology; Jan Svitak, Netherlands Authority for Consumers and Markets
- *Within-Industry Variation across a City: the Case of Distribution in Los Angeles* Thomas J. Holmes, University of Minnesota - Twin Cities
- *Welcome! We Have a New Menu: Measuring Product Responses to Competition* Nathan Schiff, Shanghai University of Finance and Economics; Jacob Cosman, Johns Hopkins University

Discussants:

- Jan Svitak, Netherlands Authority for Consumers and Markets
- Thomas J. Holmes, University of Minnesota - Twin Cities
- Nathan Schiff, Shanghai University of Finance and Economics
- Lindsay Relihan, University of Pennsylvania

134. Regional and Rural Development V --Tennyson

Chair: John Mann, Michigan State University

- *Patenting as Contagion? How Local Employment in Patent Intensive Industry and the Inventive Class Affects the Probability of Applying for a Patent* Kathryn Dotzel, Ohio State University; Tim Wojan, USDA Economic Research Service
- *Do Industries Cluster in Rural Regions? Evidence from the Rural Establishment Innovation Survey* Chantalle LaFontant, Indiana University
- *Exploring Rural and Urban Firm Innovation: Analysis of the National Survey of Business Competitiveness* John Mann, Michigan State University; Scott Loveridge, Michigan State University; Giri Aryal, Michigan State University; Satish Joshi, Michigan State University
- *Design, Innovation and Rural Creative Places: Are the Arts an Attractive Amenity, the Cherry on Top, or Secret Sauce?* Tim Wojan, USDA Economic Research Service; Bonnie Nichols, National Endowment for the Arts

Discussants:

- Tim Wojan, USDA Economic Research Service
- Kathryn Dotzel, Ohio State University

- Chantalle LaFontant, Indiana University
- John Mann, Michigan State University

6:00 PM-7:00 PM

135. *Special Session: Women in Regional Science – English Bay*

6:15 PM-7:15 PM

136. *Special Session: Alonso Prize Lecture Session - Forecasting Urban Travel: Past, Present and Future -- Seymour/Grouse*

Organizers: David Boyce, University of Illinois - Chicago; Huw Williams, Cardiff University

Chair: David Plane, University of Arizona

Panelists: David Boyce, University of Illinois - Chicago; Huw Williams, Cardiff University

Discussant:

- David Plane, University of Arizona

7:15 PM-8:15 PM

137. *Alonso Prize Lecture Reception --Seymour/Grouse*

Saturday, 11 November

7:30 AM-8:00 PM

138. *Registration --Regency Foyer*

8:00 AM-10:00 AM

139. *Special Session in Honor of Raymond Florax I -- Cities, Community Development, and Spatial Spillovers -- Balmoral*

- *On the emergence of diversified and specialized cities* Peter Mulder, Free University, Amsterdam; Jorge Diaz-Lanchas, European Commission, DG Joint Research Centre (JRC); Raymond Florax, Purdue University
- *A Meta-Analysis of the Direct Economic Impacts of Cruise Tourism on Port Communities* Jamie Chen, VU Amsterdam
- *Spatial difference-in-differences regression for multiple binary treatments* Eleni Bardaka, North Carolina State University; Michael Delgado, Purdue University; Raymond Florax, Purdue University
- *The role of interregional and inter-sectoral knowledge spillovers on regional knowledge creation across US metropolitan counties* Sandy Dall Erba, University of Illinois; Dongwoo Kang,; Kun Peng, University of Illinois - Urbana-Champaign

140. *Local Economic Development I --Cavendish*

Chair: Flavia Chein, Federal University of Juiz de Fora

- *The Geographic Reach of Human Capital Externalities* Johann Eppelsheimer, Institute for Employment Research (IAB)

- *Asymmetric Externalities from Brain Gain and Brain Drain - Analyzing Dynamic Wage Effects of Variations in the Regional Concentration of Human Capital* Johann Eppelsheimer, Institute for Employment Research (IAB); Joachim Moeller, IAB Institute for Employment Research
- *Droughts and Nutritional Status: Impacts of health at first childhood on human capital and future income* Flavia Chein, Federal University of Juiz de Fora; Isabel Amaral de Souza, Federal University of Juiz de Fora
- *Measuring Human Capital Divergence in a Growing Economy: Do Differences Deceive* Daniel Broxterman, Florida State University; Anthony Yezer, George Washington University

Discussants:

- Daniel Broxterman, Florida State University
- Johann Eppelsheimer, Institute for Employment Research (IAB)
- Johann Eppelsheimer, Institute for Employment Research (IAB)
- Flavia Chein, Federal University of Juiz de Fora

141. Local Public Finance II --Constable

Chair: Sergio Contreras, University of Illinois

- *Tax or yardstick competition across Swedish local governments?* Johan Lundberg, Umea university, Sweden
- *Precautionary Public Health, Aging and Urban Agglomeration* Daisuke Ikazaki, Japan Women's University; Tohru Naito, Doshisha University; Tatsuya Omori, Chukyo University
- *The Effectiveness Of Microenterprise Policies In Chile: The Case Of Entrepreneurship Center - Chilecompra* Sergio Contreras, University of Illinois; Angela Lyons, University of Illinois - Urbana-Champaign; Andrew J. Greenlee, University of Illinois - Urbana-Champaign
- *State tax reform in a federal system: a multiregional general equilibrium analysis* John Madden, Victoria University; James Giesecke, Victoria University; Jason Nassios, Victoria University

Discussants:

- John Madden, Victoria University
- Johan Lundberg, Umea university, Sweden
- Daisuke Ikazaki, Japan Women's University
- Sergio Contreras, University of Illinois

142. UEA 08C Electricity I --Cypress

Chair: Kilian Heilmann, University of California - San Diego

- *Short- and Long-Run Impacts of Rural Electrification: Evidence from the Historical Rollout of the U.S. Power Grid* Edson Severnini, Carnegie Mellon University; Joshua Lewis, University of Montreal
- *Who benefits from industrialization? The local effects of hydropower technology adoption in Norway, 1891-1920* Stefan Leknes, Statistics Norway; Jorgen Modalsli, Statistics Norway
- *Properties of Satellite Imagery for Measuring Economic Activity at Small Geographies* Kilian Heilmann, University of California - San Diego

Discussants:

- Stefan Leknes, Statistics Norway
- Kilian Heilmann, University of California - San Diego

- Edson Severnini, Carnegie Mellon University

143. Location Modeling II --Dover

Chair: Brad Humphreys, West Virginia University

- *A Three-Sector Urban Equilibrium Model with By-production Externalities* Marine Coinon, University of Burgundy; Sophie Legras, INRA - Dijon
- *A dynamic structural model for dual-earner households' home and job locations* Maria Hansen, University of Copenhagen
- *The Concentration of Consumer Services within an Urban Area* Brad Humphreys, West Virginia University; Josh Matti, West Virginia University
- *Agglomeration and Dispersion Mechanism of a System of Cities with Residential Land* Yuzuru Miyata, Toyohashi University of Technology; Hiroyuki SHIBUSAWA, Toyohashi University of Technology; Daisuke Ito, Toyohashi University of Technology

Discussants:

- Yuzuru Miyata, Toyohashi University of Technology
- Marine Coinon, University of Burgundy
- Maria Juul Hansen, University of Copenhagen
- Brad Humphreys, West Virginia University

144. Transportation III --English Bay

Chair: Robin Lindsey, University of British Columbia

- *Subways and Urban Air Pollution* Nicolas Gendron-Carrier, University of Toronto; Marco Gonzalez-Navarro, University of Toronto; Stefano Polloni, Brown University; Matthew Turner, Brown University
- *Tradable permit schemes for congestible facilities with variable supply and demand* Robin Lindsey, University of British Columbia; André de Palma, Ecole Normale Supérieure de Cachan
- *Travel Behaviour and Built Environment Effects on Subjective Well-Being* Stephen McCarthy, Dalhousie University; M. Ahsanul Habib, Dalhousie University

Discussants:

- Stephen McCarthy, Dalhousie University
- Nicolas Gendron-Carrier, University of Toronto
- Robin Lindsey, University of British Columbia

145. UEA 08A Housing - Micro III --Grouse

Chair: Amanda Ross, University of Alabama

- *Portfolio Choice with House Value Misperception* Jose Fillat, Federal Reserve Bank of Boston; Stefano Corradin, European Central Bank; Carles Vergara-Alert, IESE Business School
- *How to Set a Deadline for Auctioning a House* Alina Arefeva, Johns Hopkins University; Delong Meng, Stanford University
- *Using removed treatment design to help solve the weekday-effect puzzle in the Norwegian housing market* Erling Roed Larsen, BI Norwegian Business School

- *Ethnic Groups and Bargaining* Adam Nowak, West Virginia University; Amanda Ross, University of Alabama

Discussants:

- Alina Arefeva, Johns Hopkins University
- Erling Roed Larsen, BI Norwegian Business School
- Amanda Ross, University of Alabama
- Carles Vergara Alert, IESE Business School

146. Productivity I --Lord Byron

Chair: Xiumin Li, Northeast Normal University

- *Does Foreign Direct Investment Increase the Productivity of Domestic Firms? Evidence from Denmark* Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research; Cecilie Dohmann Weatherall, Kraks Fond Institute for Urban Economic Research; Ismir Mulalic, Kraks Fond Institute for Urban Economic Research
- *Regional heterogeneous firm productivity in European regions* Spyridon Stavropoulos, Erasmus University Rotterdam; Frank van Oort, Erasmus University Rotterdam; Martijn Burger, Erasmus University Rotterdam
- *The Urban Hierarchy and Inequality in Firm Productivity and Wages* Martin Korpi, Ratio Institute; Daniel Halvarsson, Ratio Institute; Mattias Stålnacke, Uppsala University
- *China 's Urban Scale and Urban Productivity* Xiumin Li, Northeast Normal University; Yanzhen Wang, Hua Zhong University of Science and Technology
- *To Cluster or Not to Cluster? Patterns of Closures in the American Craft Brewing Industry* Isabelle Nilsson, University of North Carolina at Charlotte; Neil Reid, Univ. Of Toledo; Matthew Lehnert, University of Toledo; Oleg Smirnov, University of Toledo

Discussants:

- Isabelle Nilsson, University of North Carolina at Charlotte
- Ditte Håkonsson Lyngemark, Kraks Fond Institute for Urban Economic Research
- Spyridon Stavropoulos, Erasmus University Rotterdam
- Martin Korpi, Ratio Institute
- Xiumin Li, Northeast Normal University

147. Housing VII --Oxford

Chair: Alina Arefeva, Johns Hopkins University

- *The impact of mortgage rates on expected real estate returns and rent growth in Switzerland: a dynamic discounted cashflow approach* Rudolf Marty, Center for Corporate Responsibility and Sustainability at the University of Zuerich
- *How Auctions Amplify House-Price Fluctuations* Alina Arefeva, Johns Hopkins University
- *How School District Boundary Changes Affect Housing Price: Evidence from Fayette County, Kentucky* Xiaozhou Ding, University of Kentucky; Christopher R. Bollinger, University of Kentucky; Michael W. Clark, University of Kentucky; William H. Hoyt, University of Kentucky

Discussants:

- Xiaozhou Ding, University of Kentucky
- Rudolf Marty, Center for Corporate Responsibility and Sustainability at the University of Zuerich

- Alina Arefeva, Johns Hopkins University

148. Transportation II --*Prince of Wales*

Chair: Eduardo Haddad, FEA-USP

- *Does Road Expansion Help Mitigate Congestion in China? An Evaluation of Vehicle-Kilometers Traveled* Wei Chen, The Ohio State University; H. Allen Klaiber, Ohio State University
- *Mobility in Cities: Distributional Impact Analysis of Transportation Improvement in São Paulo Metropolitan Region* Eduardo Haddad, FEA-USP; Nancy Lozano-Gracia, The World Bank
- *Wasting time in carpooling?: Travel behavior of Hispanic immigrant families in the US* Miwa Matsuo, Kobe University

Discussants:

- Miwa Matsuo, Kobe University
- Wei Chen, The Ohio State University
- Eduardo Haddad, FEA-USP

149. Local Public Finance III --*Regency D*

Chair: Irina Shimina, Social Sciences

- *Intergovernmental grants as a mechanism for transforming the economic structure in Russia's regions* Vladimir Klimanov, Institute for Public Finance Reform
- *The Experience in Financing the Road Sector in the Russian Regions* Irina Shimina, Social Sciences
- *Private-public gap in return to human capital: Identification with endogenous mobility* Jorn Rattso, Norwegian University of Science and Technology; Hildegunn E. Stokke, Norwegian University of Science and Technology

Discussants:

- Jorn Rattso, Norwegian University of Science and Technology
- Vladimir Klimanov, Institute for Public Finance Reform
- Irina Shimina, Social Sciences

150. Poverty I --*Regency F*

Chair: Tim Smith, Purdue University

- *Healthy Cities and Urbanization: A Case Study in Brazil* Monica Haddad, Iowa State University
- *Child poverty and income mobility in the U.S.* Tim Smith, Purdue University; Michael Delgado, Purdue University
- *Poverty dynamics in Colombia: vulnerability, exclusion and escape mechanisms* Luis Galvis, Banco de la Republica - Colombia; Carlos Alba, El Colegio de México

Discussants:

- Luis Galvis, Banco de la Republica - Colombia
- Monica Haddad, Iowa State University

- Tim Smith, Purdue University

151. Local Economic Development II --*Seymour*

Chair: Thomas Kemeny, University of Southampton

- *Promoting regional growth and innovation: relatedness, revealed comparative advantage and the product space* Gloria Cicerone, University of Chieti-Pescara; Philip McCann, University of Sheffield; Viktor Venhorst, University of Groningen
- *A Regional Economic Analysis using Ellison-Glaeser Index: A case study of Eastern Region of Thailand* Sutee Anantsuksomsri, Chulalongkorn University
- *Entrepreneurship, wellbeing, and location* Maria Abreu, University of Cambridge; Eveline van Leeuwen, Free University, Amsterdam; Özge Öner, Jonkoping International Business School; Aleid Brouwer, University of Groningen
- *The Wider Impacts of High-Tech Employment: Evidence from the United States* Thomas Kemeny, University of Southampton; Taner Osman, University of California - Los Angeles
- *Drivers of local specialization in knowledge intensive business services* Matthias Firgo, Austrian Institute of Economic Research (WIFO); Peter Mayerhofer, Austrian Institute of Economic Research (WIFO)

Discussants:

- Matthias Firgo, Austrian Institute of Economic Research (WIFO)
- Gloria Cicerone, University of Chieti-Pescara
- Sutee Anantsuksomsri, Chulalongkorn University
- Maria Abreu, University of Cambridge
- Thomas Kemeny, University of Southampton

152. UEA 08B Schools, Inequality and Segregation I --*Stanley*

Chair: Ruben Gaetani, University of Toronto

- *The Impact of School Finance Reform on Residential Income Inequality and Racial Segregation in U.S. Urban, Suburban, and Rural Areas* Jeff Zabel, Tufts University; Peter Zuckerman, Tufts University
- *School Integration, Sorting and Property Values* Chris Cunningham, Federal Reserve Bank of Atlanta
- *A third way between integrated Vienna and segregated Chicago ?* Guillaume Chapelle, Sciences Po Paris
- *Urban Segregation and Rise of the Knowledge Economy* Ruben Gaetani, University of Toronto; Enrico Berkes, Northwestern University

Discussants:

- Chris Cunningham, Federal Reserve Bank of Atlanta
- Guillaume Chapelle, Sciences Po Paris
- Ruben Gaetani, University of Toronto
- Jeff Zabel, Tufts University

153. Labor III --*Tennyson*

Chair: Peter Haller, Institute for Employment Research (IAB)

- *Panel Models of New Firm Formation in New England* Kingsley Haynes, George Mason University

- *Ethnic diversity and innovation in Start-ups: Evidence from Germany* Udo Brixy, Institute for Employment Research (IAB); Stephan Brunow, Institute of Employment Research (IAB); Anna D'Ambrosio, Polytechnic University of Turin
- *Displacement and Job Search in Thick Labor Markets: Evidence from Plant Closures* Peter Haller, Institute for Employment Research (IAB); Daniel F. Heuermann, University of Wuerzburg
- *Labor Force Diversity and Firm Survival* Mikaela Backman, Jonkoping International Business School; Janet Kohlhase, University of Houston

Discussants:

- Mikaela Backman, Jonkoping International Business School
- Kingsley Haynes, George Mason University
- Udo Brixy, Institute for Employment Research (IAB)
- Peter Haller, Institute for Employment Research (IAB)

154. Regional and Rural Development VI --Kensington

Chair: Gil-Hwan Park, Daegu University

- *Urban Sprawl, Growth, and Inequality* Luke Petach, Colorado State University
- *Brownfield Development: Uncertainty, Asymmetric Information, and Investor* Michael Trouw, Colorado State University; Stephan Weiler, Colorado State University
- *Urban Containment Policies and Regional Economies* Sung Kwon, Korea Housing Institute; Gil-Hwan Park, Daegu University
- *Inclusive Endogenous Growth: A Critique to the Empirics of Economic Growth* Gil-Hwan Park, Daegu University
- *Restricted Land: The Evolution of Urban Form and Travel Behavior Under Zoning Restrictions* Andrew Mueller, University of Denver; Stephan Weiler, Colorado State University

Discussants:

- Andrew Mueller, University of Denver
- Luke Petach, Colorado State University
- Michael Trouw, Colorado State University
- Sung Kwon, Korea Housing Institute
- Gil-Hwan Park, Daegu University

10:00 AM-10:30 AM

155. Coffee Break --Regency Foyer

10:30 AM-12:30 PM

156. GIS Methods and Applications I --Balmoral

Chair: David Wong, George Mason University

- *Mapping the Morphology of Urban Sprawl and Blight: A Note on Shannon Entropy* Reza Banai, University of Memphis
- *Exploring Alternatives to Spatial Cluster Detection* David Wong, George Mason University

- *An Exploratory Sensitivity Analysis of Reconfigured Spatial Features in Regional Context* Laurie Schintler, George Mason University; Rajendra Kulkarni, George Mason University

Discussants:

- Laurie Schintler, George Mason University
- Reza Banai, University of Memphis
- David Wong, George Mason University

157. Tourism, Amenities and Consumption in Cities --Cavendish

Chair: Jesper de Groote, Vrije Universiteit Amsterdam

- *What Matters for Tourism in European Cities? Amenities, Entrepreneurship, or Both?* Maksim Belitski, University of Reading; Sameeksha Desai, Indiana University; Johan Eklund, Swedish Entrepreneurship Forum
- *The stadium is dead, long live the stadium.* Eric van Holm, Arizona State University
- *Pricing of Ridesharing Platforms in China: A choice Experiment* Jesper de Groote, Vrije Universiteit Amsterdam; Jamie Chen, VU Amsterdam
- *Street Corridor and Green Space Planning for Sightseeing in Old District in Makassar, South Sulawesi, Indonesia* Marly Patandianan, Toyohashi University of Technology; Yuzuru Miyata, Toyohashi University of Technology; Hiroyuki Shibusawa, Toyohashi University of Technology

Discussants:

- Marly Patandianan, Toyohashi University of Technology
- Maksim Belitski, University of Reading
- Eric van Holm, Arizona State University
- Jesper de Groote, Vrije Universiteit Amsterdam

158. UEA 09C Advances in Data and Econometrics II --Cypress

Chair: Yasusada Murata, Nihon University

- *Treatment Effects with Heterogeneous Externalities* Tiziano Arduini, University of Bologna; Eleonora Patacchini, Cornell University; Edoardo Rainone, Bank of Italy
- *Discrete choice models for commuting interactions* Jan Rouwendal, Vrije Universiteit, Amsterdam
- *Heterogeneous Amenity Spillovers of Local Economic Shocks* Evan Mast, Upjohn Institute; Ian Hoffman, Stanford University
- *On quantitative spatial economic models* Yasusada Murata, Nihon University; Kristian Behrens, University of Quebec - Montreal

Discussants:

- Jan Rouwendal, Vrije Universiteit, Amsterdam
- Evan Mast, Upjohn Institute
- Yasusada Murata, Nihon University
- Eleonora Patacchini, Cornell University

159. Urban Change in Japan --Dover

Chair: David Edgington, University of British Columbia

- *Land Use Conflicts and Local Environmental Planning in a Japanese Industrial Cluster: the Case of Higashi Osaka* Kenkichi Nagao, Senshu University; David Edgington, University of British Columbia
- *Comprehensive Planning in Japanese Large Cities* David Edgington, University of British Columbia
- *Local Governance in Japanese Cities: A Case Study* Yosuke Sunahara, Kobe University

Discussants:

- Yosuke Sunahara, Kobe University
- Kenkichi Nagao, Senshu University
- David Edgington, University of British Columbia

160. Local Economic Development III --English Bay

Chair: John Osth, Uppsala University

- *A Reevaluation of Central Places: The case of Bavaria* Alina Schoenberg, IMC University of Applied Sciences; Florian Bartholomae, Bundeswehr University Munich
- *Can a growing city have both dense urban development and adequate green space? Spatiotemporal analysis of neighborhood greenness in Vancouver, Canada* Andy Hong, University of British Columbia
- *Resilience and accessibility in urban systems: a comparative analysis between Sweden and Holland* John Osth, Uppsala University; Aura Reggiani, University of Bologna; Peter Nijkamp, Tinbergen Institute
- *The Shale Oil and Gas Development on Regional Skill Aggregation* Seung-hun Chung, The Ohio State University

Discussants:

- Seung-hun Chung, The Ohio State University
- Alina Schoenberg, IMC University of Applied Sciences
- Andy Hong, University of British Columbia
- John Osth, Uppsala University

161. UEA 09A Cities and Trade I --Grouse

Chair: Jonathan Dingel, University of Chicago

- *Cities, Productivity and Trade* Alvaro Garcia-Marin, University of Chile; Andrei Victor Potlogea, University of Edinburgh; Nico Voigtlaender, University of California - Los Angeles; Yang Yang, University of California - Los Angeles
- *Trade Costs and Economic Geography: Evidence from the U.S.* Dominick Bartelme, University of Michigan
- *City-biased technological change*————— Jessica Hug, University of Geneva
- *Cities, Skills, and Sectors in Developing Economies* Donald R. Davis, Columbia University; Jonathan Dingel, University of Chicago; Antonio Miscio, Boston Consulting Group

Discussants:

- Dominick Bartelme, University of Michigan
- Jessica Hug, University of Geneva
- Jonathan Dingel, University of Chicago
- Andrei Victor Potlogea, University of Edinburgh

162. Housing VIII --Kensington

Chair: Ziye Zhang, Cornell University

- *Modeling Buy-Seller in Housing Market---A Bidding Network Perspective to Understand Market Mechanism* Ziye Zhang, Cornell University
- *Why are Housing Prices Different in One Building?---A Least Local Variance Estimation Approach* Ziye Zhang, Cornell University
- *Getting more by asking for less: The efficacy of a strategically low ask in the real estate market* Dag Einar Sommervoll, Norwegian University of Life Sciences

Discussants:

- Dag Einar Sommervoll, Norwegian University of Life Sciences
- Ziye Zhang, Cornell University
- Ziye Zhang, Cornell University

163. Labor IV --Lord Byron

Chair: Jouke van Dijk, University of Groningen

- *A new cluster analysis of regional labor markets for purposes of labour market policy* Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung; Franziska Hirschenauer, Institute of Employment Research (IAB)
- *Evidence on the Big Firm Premium from a Decade of Linked Employer Employee Data* Isabelle Sin, Motu Economic & Public Policy Research; Steven Stillman, University of Bolzano; John Gibson, University of Waikato
- *MATCHING MODELS OF UNEMPLOYED JOB SEARCHERS Does churning help to lower unemployment?* Jouke van Dijk, University of Groningen
- *Composition of Regional Unemployment Dynamics in Germany* Carsten Ochsen, University of Applied Labour Studies

Discussants:

- Carsten Ochsen, University of Applied Labour Studies
- Uwe Blien, Institut fuer Arbeitsmarkt- und Berufsforschung
- Isabelle Sin, Motu Economic & Public Policy Research
- Jouke van Dijk, University of Groningen

164. Special Session in Honor Raymond Florax II -- Econometric Methods --Prince of Wales

- *Specification tests for the multinomial model revisited: the role of alternative-specific constants* Jan Rouwendal, Vrije Universiteit, Amsterdam
- *Spatial LIML* Mark McLean,; James LeSage, Texas State University; Kelley Pace, Louisiana State University
- *Bayesian estimation of spatial autoregressive models based on convex combinations of spatial weight matrices* Nicolas Debarsy,; James LeSage, Texas State University
- *A Spatial Perspective on the Econometrics of Treatment Effect Evaluation* Marynia Kolak, University of Chicago; Luc Anselin, University of Chicago

165. Productivity II --Regency D

Chair: Thomas Kemeny, University of Southampton

- *One Belt, One Road, and Comparative Regional Productivity in China* John Gibson, University of Waikato; Chao Li, University of Waikato
- *Between spilling over and boiling down: network-mediated spillovers, absorptive capacity and productivity in European regions* Nicola Cortinovis, Erasmus University Rotterdam; Frank van Oort, Erasmus University Rotterdam
- *Total Factor Productivity for the main cities in Mexico using stochastic frontier models* Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE); Hector Nuñez, Centro de investigacion y Docencias Economicas (CIDE)
- *Do Attitudes Shape the Economic Effects of Local Immigrant Diversity?* Thomas Kemeny, University of Southampton; Abigail Cooke, SUNY - Buffalo
- *The Effects of Agglomeration and Congestion on Productivity Evidence from Flanders and the Brussels Capital-Regio* Lieselot Baert, KU Leuven

Discussants:

- Lieselot Baert, KU Leuven
- John Gibson, University of Waikato
- Nicola Cortinovis, Erasmus University Rotterdam
- Rafael Garduno-Rivera, Centro de Investigacion y Docencia Economicas, A.C. (CIDE)
- Thomas Kemeny, University of Southampton

166. Public Transportation --Regency F

Chair: Xiaofang Dong, Xiamen University

- *Neighbourhood Sorting and Commute Mode Choice: Analyzing Rapid Transit in Vancouver* Andrea Craig, Queen's University
- *Cross-City Travel Speed Enhances Researcher Productivity: Evidence from China's Investment in Bullet Trains* Xiaofang Dong, Xiamen University; Matthew Kahn, University of South Carolina; Siqi Zheng, MIT
- *The impact of the public transport system quality on employment in Paris Region : An econometric analysis* El-Mehdi Aboulkacem, University of Lille1

Discussants:

- El-Mehdi Aboulkacem, University of Lille1
- Andrea Craig, Queen's University
- Xiaofang Dong, Xiamen University

167. Poverty II --Seymour

Chair: Alfredo Cartone,

- *Navigating Persistent Poverty: A Mixed Method Approach to Examining Inequality in Arkansas* Melody Muldrow, University of Arkansas at Little Rock; Malcolm Glover, Jack Welch Management Institute, Strayer University

- *Income inequality and regional economic divergence* Robert Manduca, Harvard University
- *Spatial effects in material deprivation: the case of Italy* Alfredo Cartone,; Paolo Postiglione, Università G. d'Annunzio; Maria Simona Andreano, Universitas Mercatorum
- *A novel look at multidimensional poverty: How poor is 'poor' in the United Kingdom?* Deniz Sevinc, University of Birmingham

Discussants:

- Deniz Sevinc, University of Birmingham
- Melody Muldrow, University of Arkansas at Little Rock
- Robert Manduca, Harvard University
- Alfredo Cartone,

168. UEA 09B China II --Stanley

Chair: Yang (Zoe) Yang, National University of Singapore

- *Technology Transfer and Domestic Innovation: Evidence from the High-Speed Rail Sector in China* Yu Qin, National University of Singapore; Yatang Lin, London School of Economics; Zhuan Xie, Peking University
- *International Transportation Costs and Local Housing Markets* Shihe Fu, Xiamen University; Wangyang Lai, Ohio State University; Elena Irwin, Ohio State University
- *Urban land values across China: The role of state-owned developers* Chun "KC" Kuang, East Carolina University; Wenyu Zhu, Renmin University of China
- *The Privilege of Power and Wealth: Evidence from China's Urban Land Market* Yang (Zoe) Yang, National University of Singapore; Long Wang, National University of Singapore

Discussants:

- Wangyang Lai, Ohio State University
- Chun "KC" Kuang, East Carolina University
- Yang (Zoe) Yang, National University of Singapore
- Yu Qin, National University of Singapore

169. Transportation IV --Tennyson

Chair: Yi-ting Chiu, George Mason U.

- *Metro-induced commercial gentrification* Jen-Jia Lin, National Taiwan University; Shu-Han Yang, National Taiwan University
- *A Way toward Prosperity: Ex-Post Economic Impact Analysis of Snow Mountain Tunnel toward I-lan County* Yi-ting Chiu, George Mason U.
- *Position, price, and use in a simple model of a transportation network* John R. Miron, University of Toronto

Discussants:

- John R Miron, University of Toronto
- Jen-Jia Lin, National Taiwan University
- Yi-ting Chiu, George Mason U.

170. Special Session: Early Scholar Session --Oxford

Organizer: John R Miron, University of Toronto

- *Qualifying the Local Development Pattern of Non-Metropolitan Cities: A Mixed Approach* Sarah Desaulniers, Université Laval; Jean Dubé, Laval University
- *Job Search, Localized Unemployment and Spatial Mismatch* Justin Tyndall, University of British Columbia
- *Child pedestrian safety as an equity issue in urban neighborhoods: Exploring the spatial distribution of crashes in Toronto, Canada* Linda Rothman, Hospital for Sick Children; Marie-Soleil Cloutier, Institut national de la recherche scientifique (INRS); Kevin Manaugh, McGill University; Alison Macpherson, York University; Andrew Howard, Hospital for Sick Children; Colin Macarthur, Hospital for Sick Children

171. Regional and Rural Development VII --*Constable*

Chair: John Pender, USDA Economic Research Service

- *Betting on the Over/Under: Education and Entrepreneurship* Tessa Conroy, University of Wisconsin - Madison; Philip Watson, University of Idaho
- *Measuring the Comprehensive Wealth of U.S. Counties: An Application of Roback's Spatial Equilibrium Theory* John Pender, USDA Economic Research Service; James Rossi, University of Missouri - Columbia
- *The geographies of rising mortality rates among rural working-age whites* David McGranahan, USDA Economic Research Service; Tim Parker, USDA Economic Research Service

Discussants:

- David McGranahan, USDA Economic Research Service
- Tessa Conroy, University of Wisconsin - Madison
- John Pender, USDA Economic Research Service

12:30 PM-2:30 PM

172. NARSC Awards Luncheon --*Regency ABC*

1:30 PM-3:30 PM

173. Local Economic Development IV --*Balmoral*

Chair: Matt Kures, University of Wisconsin Extension

- *How does Shale Oil and Gas Development affect Local Economic Activity?* Heather Stephens, West Virginia University; Anil Rupasingha, USDA Economic Research Service
- *Patterns and Determinants of Stretch Commuting Across the Rural-Urban Continuum -- 2002 to 2014* Matt Kures, University of Wisconsin Extension; Tessa Conroy, University of Wisconsin - Madison; Steven Deller, University of Wisconsin-Madison
- *The Urban World in a Nutshell -- Gravitational Forces among Cities* Karima Kourtiti, KTH Royal Institute of Technology, Stockholm; Peter Nijkamp, Tinbergen Institute; Michal Dziecielski, Adam Mickiewicz University, Poznan, Poland

Discussants:

- Karima Kourtiti, KTH Royal Institute of Technology, Stockholm
- Heather Stephens, West Virginia University

- Matt Kures, University of Wisconsin Extension

174. Labor V --Cavendish

Chair: Wade Litt, Ohio State University

- *Estimating Disparity in Welfare Gains from Trade between Firm Owners and Workers* Shin-Kun Peng, Academia Sinica
- *Are foreign-born researchers more innovative? Self-selection and the production of knowledge among PhD recipients in the U.S.* Rodrigo Perez, The Ohio State University; Mark Partridge, Ohio State University; William Foster, Pontifical Catholic University of Chile
- *Industrial composition, employment, and the risk of credit exposure and delinquencies in U.S. states* Wade Litt, Ohio State University
- *The importance of labor pooling to explain industrial agglomeration in Brazil: evidence for the period 2002-2014* Edilberto Almeida, Federal University of Pernambuco; Roberta Rocha, Federal University of Pernambuco

Discussants:

- Edilberto Almeida, Federal University of Pernambuco
- Shin-Kun Peng, Academia Sinica
- Rodrigo Perez, The Ohio State University
- Wade Litt, Ohio State University

175. Poverty III --Constable

Chair: ESTEBAN LOPEZ, University of Illinois

- *Role of Amenities in estimating Supplemental Poverty Measure (SPM)* Peter Han, USDA
- *Examination of Dual Spatial Clusters of Health and Food Insecurity Measures: A County-level Analysis* Tammy Leonard, University of North Texas; Amy Hughes, University of Texas Southwestern Medical Center; Connor Donegan, University of Texas at Dallas; Alex Santillan, University of Dallas; Sandi Pruitt, University of Texas Southwestern Medical Center
- *When green production yields poverty: Socioeconomic Effects of Forestry Expansion in Chile* ESTEBAN LOPEZ, University of Illinois; Leonardo Bonilla, Banco de la Republica (The Central Bank of Colombia); Patricio Aroca, Universidad Adolfo Ibañez
- *Green urban environments and high school graduation rates, reading proficiency, and mathematics proficiency* Cody Hodson, The University of Iowa; Heather Sander, University of Iowa

Discussants:

- Cody Hodson, The University of Iowa
- Peter Han, USDA
- Tammy Leonard, University of North Texas
- ESTEBAN LOPEZ, University of Illinois

176. Transport and Land Use Interactions --Cypress

Chair: Yue Ke, Purdue University

- *Telecommuting and Urban Spatial Structure in Metropolitan Areas* Mitsuru Ota, University of Tsukuba
- *Effects of highway extensions on the real estate market: evidence from panel data* Ioulia V. Ossokina, Eindhoven University of Technology; Jos van Ommeren, VU University Amsterdam
- *The Announcement of Light Rail Transit's Signaling Effect on Nearby Property Values in Charlotte, NC* Yue Ke, Purdue University; Nadia Gkritza, Purdue University
- *Job Access and Property Price Gradients Over Time* Nathan Craig Wiseman, University of Nevada - Reno

Discussants:

- Nathan Craig Wiseman, University of Nevada - Reno
- Mitsuru Ota, University of Tsukuba
- Ioulia V. Ossokina, Eindhoven University of Technology
- Yue Ke, Purdue University

177. Housing IX --Dover

Chair: Kayo Tajima, Rikkyo University

- *Why Rising House Price Does Not Make Homeowners Happier? The Role of Foregone Gains on Subjective Well-being* Yu Qin, National University of Singapore; Jing Wu, Tsinghua University; Jubo Yan, Nanyang Technological University; Xiaobo Zhang, Peking University
- *The Impact of Shared Amenities on Condominium Resale Values in Tokyo* Kayo Tajima, Rikkyo University
- *Does Voting Reflect Self Economic Interest?* Chen Jin, George Washington University

Discussants:

- Chen Jin, George Washington University
- Yu Qin, National University of Singapore
- Kayo Tajima, Rikkyo University

178. Special Session in Honor of Raymond Florax III --English Bay

- *Spatial aspects of risk in mortgage portfolios* Rajesh Narayanan, Louisiana State University, Baton Rouge; Kelley Pace, Louisiana State University
- *Losing ground against sinkholes? On sinkhole collapses and house prices* Mark van Duijn, University of Groningen; Arno van der Vlist, University of Groningen
- *Effects of severance tax on economic activity: evidence from the oil patch* Jason Brown, Federal Reserve Bank of Kansas City; Peter Maniloff, Colorado School of Mines; Dale Manning, Colorado State University
- *Crediting Socio-economic Development in Mexico's "Montaña de Guerrero" Region to Transportation Improvements* Jean-Claude Thill, University of North Carolina - Charlotte; Jessica Sánchez, Paul Jung, University of North Carolina at Charlotte; Luis Becerril, The National Autonomous University of Mexico

179. Industrial Issues V --Kensington

Chair: Mahsa Memarian, IESE Business School

- *Knowledge Spillovers & Complex Industries: to Co-agglomerate or not to Co-agglomerate* Mathieu Steijn, Utrecht University; Hans R.A. Koster, Vrije Universiteit Amsterdam

- *Intra-Urban Wage Gradient Revisited: Spatial Disequilibrium or Agglomeration Economies?* Yue (Chris) Hua, Hunan University; Mark Partridge, Ohio State University
- *Urban Density and Firms' Stock Returns* Mahsa Memarian, IESE Business School; Carles Vergara Alert, IESE Business School
- *Manufacturing Entrepreneurship: An Analysis of Corporate Linkages through City Relationships* daidai shen, University of North Carolina - Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte

Discussants:

- daidai shen, University of North Carolina - Charlotte
- Mathieu Steijn, Utrecht University
- Yue (Chris) Hua, Hunan University
- Mahsa Memarian, IESE Business School

180. Regional Innovation --Lord Byron

Chair: Vicente German-Soto, Universidad Autonoma de Coahuila

- *Multi-dimensional Proximity in Advantage Integration-oriented Innovation Development: Case of Yangtze River Delta in China* Yongda Yu, Tsinghua University; Xinyao Sun, Tsinghua University; Roger Stough, George Mason University
- *Innovation Adoption on Canadian Farms -- An analysis of regional and farm-level factors* Jean-François Frenette, Government of Canada
- *The Regional Patenting Frequency and Its Determinants in Mexico* Vicente German-Soto, Universidad Autonoma de Coahuila; Luis Gutiérrez Flores, Universidad Autónoma de Coahuila
- *Catalysts of Regional Innovation: How Foreign Firms allow New Places to Join the Global Innovation Contest* Riccardo Crescenzi, London School of Economics; Frank Neffke, Harvard University; Arnaud Dyevre, London School of Economics

Discussants:

- Riccardo Crescenzi, London School of Economics
- Yongda Yu, Tsinghua University
- Jean-François Frenette, Government of Canada
- Vicente German-Soto, Universidad Autonoma de Coahuila

181. GIS Methods and Applications II --Oxford

Chair: Wen-Yen Lin, Ming Chuan University

- *Big data based hedonic housing prices modelling: a case study in Singapore on HDB prices* Kai Cao, National University of Singapore
- *Crowdsourcing Architectural Beauty: Online Photo Frequency Predicts Building Aesthetic Ratings* Albert Saiz, MIT
- *Social-Economic Data Rasterizing Transformation and Spatial Data Overlay Vulnerability Assessment* Wen-Yen Lin, Ming Chuan University; Chi-Tung Hung, Ming Chuan University
- *Modeling Land Use Changes from the Ground up: An Application of Cellular Automata-Makov and Agent-based Models of the Eastern Region of Thailand* Nij Tontisirin, Thammasat University; Ditchaphong Phoomikiattisak, Geo-Informatics and Space Technology Development Agency; Sutee Anantsuksomsri, Chulalongkorn University

Discussants:

- Nij Tontisirin, Thammasat University
- Kai Cao, National University of Singapore
- Albert Saiz, Massachusetts Institute of Technology
- Wen-Yen Lin, Ming Chuan University

182. Regional and Rural Development VIII --*Prince of Wales*

Chair: Dan Rickman, Oklahoma State University

- *Moving ahead a comprehensive social accounting matrix agenda* Becca Jablonski, Colorado State University; Todd Schmit, Cornell University; Tom Johnson, University of Missouri - Columbia; David Kay, Cornell University
- *Return migration of low and high skilled workers: An application of the synthetic control method to Hurricane Katrina* Ryan Levitt, Colorado State University
- *The Recent U.S. Oil Boom and Bust: A Synthetic Control Method-Based Multiplier Analysis* Dan Rickman, Oklahoma State University; Hongbo Wang, Oklahoma State University
- *Rural to Urban Water Transfers and the Future of Rural Agricultural Economies in the Semi-Arid West* Kevin Crofton, Colorado State University; Dale Manning, Colorado State University; Chris Goemans, Colorado State University; Harvey Cutler, Colorado State University

Discussants:

- Kevin Crofton, Colorado State University
- Becca Jablonski, Colorado State University
- Ryan Levitt, Colorado State University
- Dan Rickman, Oklahoma State University

183. Regional Economic Effects of Disasters --*Regency D*

- *Disaster and Economic Growth: Theoretical Perspectives* Yasuhide Okuyama, University of Kitakyushu
- *What drives a household to purchase a disaster insurance?: An empirical study of 2016 Kumamoto Earthquake* Shinya Horie, Kobe University; Sasakawa Maki, Kobe University

184. Services and Accessibility --*Regency F*

Chair: Zhuoran Shan, Huazhong University of Science and Technology

- *Information and Communication Technology (ICT) and Services Trade in Developed and Developing Countries* Hiranya K Nath, Sam Houston State University; Lirong Liu, Texas A&M University Commerce
- *"Sub-region Life Circle" in Chinese Big Cities based on Human High-probability Daily Activity: Evidence from Wuhan, China* Zhuoran Shan, Huazhong University of Science and Technology; Zhang Xianchun, The University of Hongkong; Huang Yaping, Huazhong University of Science and Technology
- *Exponential, power distance-decay functions for the Postal accessibility or an alternative one?* Stéphanie SOUCHE-LE CORVEC, University of Lyon; Aurélie Aurélie Mercier, University of Lyon

Discussants:

- Stéphanie SOUCHE-LE CORVEC, University of Lyon

- Hiranya K Nath, Sam Houston State University
- Zhuoran Shan, Huazhong University of Science and Technology

185. Taxes and Public Finance --Seymour

Chair: Tadashi Morita, Kindai University

- *Fiscal equalization in the spatial economy* Marcel Henkel, University of Duisburg-Essen; Tobias Seidel, University of Duisburg-Essen; Jens Südekum, Heinrich-Heine University Düsseldorf
- *Corporate tax rate, Minimum wage, and Unemployment* Tadashi Morita, Kindai University; Yoshitomo Ogawa, Kindai University; Yoshiyasu Ono, Osaka University
- *The impact of mining taxes on public education: evidence for mining municipalities in Chile* Mauricio Oyarzo, Universidad Católica del Norte, Chile; Dusan Paredes, Department of Economics, Universidad Católica del Norte, Chile

Discussants:

- Mauricio Oyarzo, Universidad Católica del Norte, Chile
- Marcel Henkel, University of Duisburg-Essen
- Tadashi Morita, Kindai University

186. Social Interactions --Tennyson

Chair: Yuri Mansury, Illinois Institute of Technology

- *Comparative analysis of referendums in Japanese Local Government* Yosuke Sunahara, Kobe University
- *Do your neighbours matter? Evidence on peer effects from quasi-experimental data* Georges Poquillon, University of Essex; Bence Boje-Kovacs, Krak Institute for Urban Economic Research
- *The relationship between network social capital, relative income, and well being in two aged societies: evidence from Japan and South Korea* Alan Brown, Chonnam National University; Jumong Na, Chonnam National University, Gwangju, South Korea
- *Churning, new tie formation, old tie dissolution, and power laws in a bottom-up model of spatial networks with heterogeneous agents.* Yuri Mansury, Illinois Institute of Technology; Jae B. Cho, Cornell University
- *How long do we communicate with each other? -A survival time analysis of intrahousehold interaction with competing risk hazard model-* Kakuya Matsushima, Kyoto University; Kiyoshi Kobayashi, Kyoto University

Discussants:

- Kakuya Matsushima, Kyoto University
- Yosuke Sunahara, Kobe University
- Georges Poquillon, University of Essex
- Alan Brown, Chonnam National University
- Yuri Mansury, Illinois Institute of Technology

2:45 PM-4:45 PM

187. UEA 10A Crime II --Grouse

Chair: Kenzo Asahi, Pontificia Universidad Catolica de Chile

- *How Emergency Housing Assistance Affects Crime* David C Phillips, University of Notre Dame; James X. Sullivan, University of Notre Dame
- *Private Protection and Public Policing* Ross Hickey, University of British Columbia; Steeve Mongrain, Simon Fraser University; Joanne Roberts, Yale NUS; Tanguy van Ypersele, University of Aix-Marseille
- *Criminal Deterrence in a Setting with Multiple Risks: Traffic Cameras, Vehicular Accidents, and Public Safety* Justin Gallagher, Case Western Reserve University; Paul J. Fisher, University of Arizona
- *Closer Proximity to the Subway Network Increases Larceny* Kenzo Asahi, Pontificia Universidad Catolica de Chile; Patricio Dominguez, University of California - Berkeley

Discussants:

- Steeve Mongrain, Simon Fraser University
- Justin Gallagher, Case Western Reserve University
- Kenzo Asahi, Pontificia Universidad Catolica de Chile
- David C Phillips, University of Notre Dame

188. UEA 10B Advances in Theory II --Stanley

Chair: Wen-Tai Hsu, Singapore Management University

- *Endogenous Urban Structure and Urban Green Spaces* Thi Thu Huyen TRAN, University of Luxembourg
- *Environmental Policies in City Systems* Michael Paul Pflüger, University of Würzburg
- *Spatial scale of agglomeration and dispersion: Theoretical foundations and empirical implications* Takashi Akamatsu, Tohoku University; Tomoya Mori, Kyoto University; Minoru Osawa, Tohoku University; Yuki Takayama, Kanazawa University
- *The Political Economy of Land Supply: A Case of China* Wen-Tai Hsu, Singapore Management University; Yang Tang, Nanyang Technological University

Discussants:

- Michael Paul Pflüger, University of Würzburg
- Minoru Osawa, Tohoku University
- Wen-Tai Hsu, Singapore Management University
- Thi Thu Huyen TRAN, University of Luxembourg

3:30 PM-4:00 PM

189. Coffee Break --Regency Foyer

4:00 PM-6:00 PM

190. Urban Economic Theory --Balmoral

Chair: Basile Pfeiffer, CIREA

- *The homothetic scaling of urban land and density profiles: evidence from Europe* Rémi Lemoy, University of Luxembourg; Geoffrey Caruso, University of Luxembourg and Luxembourg Institute of Socio-Economic Research
- *Returns to skills and city size in Brazilian urban agglomerations* Edivaldo Constantino, Univ Sao Paulo; Carlos Azzoni, University of Sao Paulo; Andre Chagas, University of Sao Paulo, Brazil

- *Why do population density and urban containment favors gentrification?* Basile Pfeiffer, CIREN; Vincent Viguie, Ecole des Ponts ParisTech; Julien Deur, Ecole des Ponts ParisTech; Franck Lecocq, Cired
- *Homothetic Scaling of Urban Land Use and Population Density Gradients in Monocentric Models* Justin Delloye, Université catholique de Louvain; Rémi Lemoy, University of Luxembourg; Geoffrey Caruso, University of Luxembourg

Discussants:

- Justin Delloye, Université catholique de Louvain
- Rémi Lemoy, University of Luxembourg
- Edivaldo Constantino, Univ Sao Paulo
- Basile Pfeiffer, CIREN

191. Trade --Cavendish

Chair: Shishir Shakya, West Virginia University

- *Comparative Port Regionalization by Global Maritime Trade: Community Detection Approach in Europe and China* Paul Jung, University of North Carolina at Charlotte; Jean-Claude Thill, University of North Carolina - Charlotte
- *Effects of EU-Russia Economic Sanctions on Value Added and Employment in Austrian Regions* Elisabeth Christen, Austrian Institute of Economic Research; Oliver Fritz, Austrian Institute of Economic Research; Julian Hinz, Kiel Institute for the World Economy; Gerhard Streicher, Austrian Institute of Economic Research
- *Dynamics of Connectedness of Global External-Competitiveness* Shishir Shakya, West Virginia University; Alexandre Scarcioffolo, West Virginia University
- *Gradual Trade Liberalization in a North-South Model of the Product Cycle* Adolfo Cristóbal Campoamor, Universidad Loyola Andalucía

Discussants:

- Adolfo Cristóbal Campoamor, Universidad Loyola Andalucía
- Paul Jung, University of North Carolina at Charlotte
- Elisabeth Christen, Austrian Institute of Economic Research
- Shishir Shakya, West Virginia University

192. Technology and Innovation --Oxford

Chair: Laurie Schintler, George Mason University

- *ICT and Rural Telehealth: The Spatial Nature of Personal Online Health Research* Peter Stenberg, Economic Research Service - USDA
- *Regional Employment and Artificial Intelligence in Japan* Nobuaki Hamaguchi, Kobe University; Keisuke Kondo, Research Institute of Economy, Trade, and Industry
- *Is there an Automation Divide in U.S. Regional Labor Markets?* Laurie Schintler, George Mason University
- *Agglomeration and Innovation: Selection or True Effect?* Li Fang, University of Maryland - College Park

Discussants:

- Li Fang, University of Maryland, College Park
- Peter Stenberg, Economic Research Service - USDA
- Nobuaki Hamaguchi, Kobe University

- Laurie Schintler, George Mason University

193. Education and Labor --*Prince of Wales*

Chair: Roberto Patuelli, University of Bologna

- *The effect of secondary vocational education in college performance: the case of Chile* Rocio Valdebenito, Universidad Adolfo Ibañez; Juan Eberhard, Universidad Adolfo Ibañez; Laidy Garcia, Universidad Catolica del Maule; Arcadio Cerda, Universidad de Talca; Patricio Aroca, Universidad Adolfo Ibañez
- *In-State College Enrollment and Later Life Location Decisions* John Winters, Oklahoma State University
- *Peers and Group Culture Effects on Students' Entrepreneurial Orientation* Roberto Patuelli, University of Bologna; Enrico Santarelli, University of Bologna; Annie Tubadji, University of Bristol
- *Assessing the effect of commuting on school performance: Evidence from Chile* Esteban Lopez, Universidad Adolfo Ibañez; Rocio Valdebenito, Universidad Adolfo Ibañez; Patricio Aroca, Universidad Adolfo Ibañez

Discussants:

- Esteban Lopez, Universidad Adolfo Ibañez
- Rocio Valdebenito, Universidad Adolfo Ibañez
- John Winters, Oklahoma State University
- Roberto Patuelli, University of Bologna

194. Borders and Transportation Infrastructure --*Regency D*

Chair: Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign

- *Quantification of the effects of legal and administrative border obstacles in land border regions* Roberta Camagni, Politecnico di Milano; Roberta Capello, Politecnico di Milano; Andrea Caragliu, Politecnico di Milano
- *Costs, benefits and negotiations in relation to investments in cross-border infrastructure* Lars Westin, Umeå University; Jonas Westin, Umeå University
- *Transport infrastructure interdependencies with energy, water, waste and communication infrastructure in the United Kingdom* Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign; Chris D.F. Rogers, University of Birmingham; Miles R. Tight, University of Birmingham; Geoffrey J.D. Hewings, University of Illinois - Urbana-Champaign; Hemanta Doloi, University of Melbourne
- *Spatial Impacts of High-Speed Rail on Urban Transformation in China: Evidence from Land Value and Structure Change* Zhenhua Chen, The Ohio State University; Yulong Zhou, Nankai University

Discussants:

- Zhenhua Chen, The Ohio State University
- Roberta Camagni, Politecnico di Milano
- Lars Westin, Umeå University
- Nikolaos Kalyviotis, University of Illinois - Urbana-Champaign