



School of
Economics



2019 SMU Conference on Urban and Regional Economics
December 19-20, 2019, Singapore

Organized by: Singapore Management University
School of Economics

Guidelines for Presentation

Keynote Speeches

The 2019 SMU Conference on Urban and Regional Economics is pleased to invite prominent professors **Costas Arkolakis, Nathaniel Baum-Snow, Thomas J. Holmes, and Daniel Sturm** as keynote speakers.

Parallel Sessions

All presenters in the parallel sessions should arrive in advance and make sure that his/her presentation slides are loaded. Each presentation is allocated with 30 minutes. Please respect the time limit. Session chairs have been assigned in the program. The chairs are advised to enforce the time constraints.

OVERVIEW OF THE PROGRAM

Time	19 December (Thursday)	20 December (Friday)
8:30 – 8:50	Registration	Registration
8:50 – 9:00	Opening Remarks by Professor Hian Teck Hoon Interim Dean School of Economics Singapore Management University	
9:00 - 10:00	Keynote 1: Professor Costas Arkolakis Yale University <i>Chair: Professor Yasuhiro Sato</i>	Keynote 3: Professor Thomas J. Holmes University of Minnesota <i>Chair: Associate Professor Wen-Tai Hsu</i>
10:00 - 10:20	Break	Break
10:20 - 12:20	Parallel Sessions 1: Session 1.1, 1.2, 1.3, 1.4	Parallel Sessions 3: Session 3.1, 3.2, 3.3, 3.4
12:20 - 14:00	Lunch	Lunch
14:00 - 15:00	Keynote 2: Professor Nathaniel Baum-Snow University of Toronto <i>Chair: Associate Professor Siqu Zheng</i>	Keynote 4: Professor Daniel Sturm London School of Economics <i>Chair: Assistant Professor Jing Li</i>
15:00 - 15:20	Break	Break
15:20 - 17:20	Parallel Sessions 2: Session 2.1, 2.2, 2.3	Parallel Sessions 4: Session 4.1, 4.2, 4.3
19:00 - 21:00	Dinner	Dinner

DETAILED PROGRAM

Thursday 19 December

* Presenters are highlighted in **BOLD**.

8:20 – 8:50 Registration (Outside Adjunct Office)

8:50 – 9:00 Opening Remarks (Seminar Room 5.2)

Professor Hian Teck Hoon, Interim Dean
School of Economics, Singapore Management University

9:00 – 10:00 Keynote Speech 1 (Seminar Room 5.2)

Professor Costas Arkolakis, Yale University

Title: General Equilibrium Indirect Effects in Space: Theory and Measurement
 ([URL](#))

Chair: Yasuhiro Sato, University of Tokyo

10:00 – 10:20 Coffee Break (Foyer outside Faculty Lounge)

10:20 – 12:20 Parallel Sessions 1

Session 1.1, Seminar Room 5.1

Chair: Yuhei Miyauchi, Boston University

Title: *Assimilation Patterns in Cities* ([URL](#))

Author(s): **Yasuhiro Sato, University of Tokyo**
 Yves Zenou, Monash University

Title: *Location Choices of Multi-plant Oligopolists: Theory and Evidence from the Cement Industry*

Author(s): **Chenyang Yang, University of British Columbia**

Title: *Quantifying Social Interactions Using Smartphone Data*

Author(s): Victor Couture, Berkeley Haas
Jonathan Dingel, Chicago Booth, NBER
 Allison Green, Princeton
 Jessie Handbury, Wharton and NBER

Title: *Matching and Agglomeration: Theory and Evidence from Japanese Firm-to-Firm Trade* ([URL](#))

Author(s): **Yuhei Miyauchi, Boston University**

Session 1.2, Seminar Room 5.2**Chair: Stuart Rosenthal, Syracuse University**

Title: *Military Investment, Industrial Linkage, and the Rise of Clusters: Evidence from China*

Author(s): **Shiyu Bo, Jinan University**
 Cong Liu, Jinan University
 Yan Zhou, Jinan University

Title: *Spatial Attenuation of Agglomeration Economies: Evidence from the Universe of Chinese Manufacturing Firms*

Author(s): **Jing Li, Singapore Management University**
 Liyao Li, Singapore Management University
 Shimeng Liu, Jinan University

Title: *Cities of Workers, Children or Seniors? Age Structure and Economic Growth in a Global Cross-Section of Cities ([URL](#))*

Author(s): Remi Jedwab, George Washington University
 Daniel Pereira, George Washington University
Mark Roberts, The World Bank

Title: *Separating Selection from Spillover Effects: Using the Mode to Estimate the Return to City Size ([URL](#))*

Author(s): Hugo Jales, Syracuse University
 Boqian Jiang, Syracuse University
Stuart Rosenthal, Syracuse University

Session 1.3, Seminar Room 4.1**Chair: Debarshi Indra, Anheuser-Busch InBev**

Title: *High-speed Railway and Collaborative Innovation: Evidence from University Patents in China*

Author(s): **Jingbo Cui, Duke Kunshan University**
 Tianqi Li, University of North Carolina
 Zhenxuan Wang, Duke University

Title: *Automobiles and Urban Density ([URL](#))*

Author(s): **Francis Ostermeijer, Vrije Universiteit Amsterdam**
 Hans RA Koster, National Research University, Tinbergen Institute, London School of Economics
 Jos van Ommeren, Vrije Universiteit Amsterdam
 Victor Mayland Nielsen, Vrije Universiteit Amsterdam

Title: *Schools and Urban Traffic Congestion: Evidence from China*

Author(s): Weizeng Sun, Central University of Finance and Economics
 Dongmei Guo, Central University of Finance and Economics
Qiang Li, National University of Singapore
 Haidong Fang, Central University of Finance and Economics

Title: *Heterogeneous Effects and Violation of the Fundamental Law of Highway Congestion: an Application of the Instrumental Variable Quantile Regression Estimator*
Author(s): Abhradeep Maiti, Indian Institute of Management Kashipur
Debarshi Indra, Anheuser-Busch InBev

Session 1.4, Seminar Room 4.2

Chair: Yatang Lin, Hong Kong University of Science and Technology

Title: *Speculators and Certainty Effect: Evidence from the Redevelopment Market*
Author(s): **Liu Ee Chia, National University of Singapore**
Sing Tien Foo, National University of Singapore

Title: *Waste Disposal and Housing Price: Evidence from the Landfill Restoration and Redevelopment Program in Hong Kong*
Author(s): **Zheng Chang, City University of Hong Kong**

Title: *Is Competition a Cure for Confusion? Evidence from the Residential Mortgage Market ([URL](#))*
Author(s): Steven Malliaris, University of Georgia
Daniel A. Retzl, University of Georgia
Ruchi Singh, University of Georgia

Title: *Improved Transportation Network Facilitates Adaptation to Pollution and Temperature Extremes*
Author(s): Panle Jia Barwick, Cornell University, NBER
Dave Donaldson, Massachusetts Institute of Technology, NBER
Shanjun Li, Cornell University, NBER
Yatang Lin, Hong Kong University of Science and Technology
Deyu Rao, Cornell University

12:20 – 14:00 Lunch (Foyer outside Faculty Lounge)

14:00 – 15:00 Keynote Speech 2 (Seminar Room 5.2)

Professor Nathaniel Baum-Snow, University of Toronto

Title: Local Productivity Spillovers

Chair: Siqi Zheng, Massachusetts Institute of Technology

15:00 – 15:20 Coffee Break (Foyer outside Faculty Lounge)

15:20 – 17:20 Parallel Sessions 2

Session 2.1, Seminar Room 5.1

Chair: Jonathan Dingel, University of Chicago Booth School of Business

Title: *Cities and Space: Common Power Law and Spatial Fractal Structure* ([URL](#))

Author(s): Tomoya Mori, Kyoto University

Tony E. Smith, University of Pennsylvania

Wen-Tai Hsu, Singapore Management University

Title: *Definition Matters: Metropolitan Areas and Agglomeration Economies in a Large Developing Country* ([URL](#))

Author(s): **Maarten Bosker, Erasmus University Rotterdam, CEPR**

Mark Roberts, The World Bank

Jane Park, The World Bank

Title: *How well does the Gravity Equation Describe Commuting Flows?*

Author(s): **Jonathan Dingel, Chicago Booth, NBER**

Felix Tintelnot, University of Chicago, NBER

Session 2.2, Seminar Room 5.2

Chair: Jos van Ommeren, Vrije Universiteit Amsterdam

Title: *When are the Vehicle-miles-traveled Tax and the Gasoline Tax not Efficient?*

Author(s): Alex Anas, State University of New York

Huibin Chang, Dongbei University of Finance and Economics

Title: *Optimal Public Transit Fare with Congestion*

Author(s): **Yizhen Gu, Jinan University**

Ben Zou, Michigan State University

Title: *Infrastructure Investment and Travel Time* ([URL](#))

Author(s): **Yumi Koh, Singapore Management University**

Gea M. Lee, Singapore Management University

Title: *From Silver to Platinum: the Effect of Frequent-Flyer Tier Levels on Demand*

Author(s): Christiaan Behrens, Vrije Universiteit Amsterdam, SEO Amsterdam Economics

Jos van Ommeren, Vrije Universiteit Amsterdam

Gerben de Jong, SEO Amsterdam Economics

Session 2.3, Seminar Room 4.1

Chair: Wen-Chi Liao, National University of Singapore

Title: *Do Elderly Individuals Delay Claiming Social Security and Cash-out Home Equity when House Prices Appreciate? ([URL](#))*

Author(s): **Naqun Huang, Nanjing Audit University**
Jing Li, Singapore Management University
Amanda Ross, The University of Alabama

Title: *Is Housing Investment a "Rich Man's Game"?*

Author(s): **Liang Peng, The Pennsylvania State University**
Lei Zhang, North Dakota State University

Title: *Urban Bias and Access to Capital: Evidence from the Manufacturing Sector in China*

Author(s): Piyusha Mutreja, James Madison University
Abdulaziz B. Shifa, Syracuse University
Wei Xiao, Southwestern University of Finance and Economics

Title: *The Role of Informal Employment in a Dualistic Economy: A Political Economy Analysis*

Author(s): Yuming Fu, National University of Singapore
Wen-Chi Liao, National University of Singapore
Yuwei Liu, South China Normal University

19:00 – 21:00 Day 1 Dinner (True Blue Cuisine, 47/49 Armenian St, Singapore 179937)

Friday 20 December

* Presenters are highlighted in BOLD.

8:20 – 8:50 Registration (Outside Adjunct Office)

9:00 – 10:00 Keynote Speech 3 (Seminar Room 5.2)

Professor Thomas J. Holmes, University of Minnesota

Title: Zoning, with Business Variation in Value of Urban Density

Chair: Wen-Tai Hsu, Singapore Management University

10:00 – 10:20 Coffee Break (Foyer outside Faculty Lounge)

10:20 – 12:20 Parallel Sessions 3

Session 3.1, Seminar Room 5.1

Chair: Lin Ma, National University of Singapore

Title: *Amenities, Social Vibrancy, and Home Prices*

Author(s): Mi Diao, National University of Singapore
Yuming Fu, National University of Singapore
Linglan Liu, National University of Singapore

Title: *All Aboard: The Aggregate Effects of Port Development* ([URL](#))

Author(s): César Ducruet, CNRS
Réka Juhász, Columbia University
Dávid Krisztián Nagy, CREI, Universitat Pompeu Fabra and Barcelona GSE
Claudia Steinwender, MIT Sloan

Title: *The Political Economy of Land Supply: The Case of China*

Author(s): Wen-Tai Hsu, Singapore Management University
Xuan Luo, INSEAD
Yang Tang, Nanyang Technological University

Title: *The Distributional Impacts of Transportation Networks in China*

Author(s): **Lin Ma, National University of Singapore**
Yang Tang, Nanyang Technological University

Session 3.2, Seminar Room 5.2

Chair: Liming Chen, Asian Development Bank

Title: *Non-Compete Clauses and R&D Inventor Team Size*

Author(s): **Yanmin Yang, Nanjing Audit University**

Title: *Identifying Local Spillovers from Universities: Quasi-experimental Evidence from Urban China*

Author(s): Jing Li, Singapore Management University
Shimeng Liu, Jinan University
 Yifan Wu, Singapore Management University

Title: *Skill-biased Technical Change, Demographics, and Market Size*

Author(s): **Koichi Fukumura, Kagawa University**

Title: *Urban Agglomeration and Firm Innovation: Evidence from Asia*

Author(s): **Liming Chen, Asian Development Bank**
 Rana Hasan, Asian Development Bank
 Yi Jiang, Asian Development Bank

Session 3.3, Seminar Room 4.1

Chair: Yu-Hsiang Lei, National University of Singapore

Title: *The Long Run Effects of Uber on Public Transit, Sprawl, Energy Consumption, and Carbon Emissions*

Author(s): **Weihua Zhao, University of Louisville**

Title: *Does E-commerce Reduce Traffic Congestion? Evidence from Alibaba Single Day Shopping Event ([URL](#))*

Author(s): **Cong Peng, University of California San Diego**

Title: *Ride-Sharing and the Geography of Consumption in Cities*

Author(s): Jordan J. Norris, Aarhus University and NYU Abu Dhabi
Heyu Xiong, Case Western Reserve University

Title: *Communication Infrastructure and Stabilizing Food Prices: Evidence from the Telegraph Network in China*

Author(s): Pei Gao, NYU Shanghai
Yu-Hsiang Lei, Yale-NUS College

Session 3.4, Seminar Room 4.2

Chair: Cheng Keat Tang, Nanyang Technological University

Title: *Saliency and Learning in the Land Market: Evidence from Winter Heating ([URL](#))*

Author(s): **Yinghao Pan, National University of Singapore**
 Yu Qin, National University of Singapore
 Fan Zhang, National University of Singapore
 Hongjia Zhu, Jinan University

Title: *Wealth Effect and Foreign Capital Flows: Micro Evidence from Singapore Housing Market*

Author(s): **Ying Fan, National University of Singapore**
 Tien Foo Sing, National University of Singapore

Title: *Do Land Use Regulations Help Give Rise to Informal Settlements? Evidence from Buenos Aires* ([URL](#))

Author(s): Cynthia Goytia, Universidad Torcuato Di Tella
Eric J. Heikkila, University of Southern California
Ricardo A. Pasquini, Universidad Torcuato Di Tella

Title: *The Cost of Gun Crime: Evidence from Gun Offender Registry on Housing Values*

Author(s): **Cheng Keat Tang, Nanyang Technological University**
Thao Le, Georgia State University

12:20 – 14:00 Lunch (Foyer outside Faculty Lounge)

14:00 – 15:00 Keynote Speech 4 (Seminar Room 5.2)

Daniel Sturm, London School of Economics

Title: **The Making of the Modern Metropolis: Evidence from London**

Chair: **Jing Li, Singapore Management University**

15:00 – 15:20 Coffee Break (Foyer outside Faculty Lounge)

15:20 – 17:20 Parallel Sessions 4

Session 4.1, Seminar Room 5.1

Chair: Lin Tian, INSEAD

Title: *Quantifying Quality Specialization Across Space: Skills, Sorting, and Agglomeration*

Author(s): Pao-Li Chang, Singapore Management University
Angdi Lu, Singapore Management University
Xin Yi, Singapore Management University

Title: *The Gains from Reshaping Infrastructure: Evidence from the Division of Germany*

Author(s): **Marta Santamaria, University of Warwick**

Title: *The Spoils of War: Trade Shocks during WWI and Spain's Regional Development*

Author(s): **Simon Fuchs, Federal Reserve Board Atlanta**

Title: *Geographic Fragmentation in a Knowledge Economy*

Author(s): Yang Jiao, Fudan University
Lin Tian, INSEAD

Session 4.2, Seminar Room 5.2**Chair: Xirui Zhang, Xiamen University**Title: *Urban and Education Place-based Policies: Effect on Academic Achievement*Author(s): Fanny Alivon, Université de la Réunion
Manon Garrouste, Université Lille 1 Sciences et Technologies
Rachel Guillain, Université de Bourgogne-Franche-ComtéTitle: *Do Same-sex Couples Induce Gentrification*Author(s): Mia Goodnature, The University of Alabama
Daniel J. Henderson, The University of Alabama
Amanda Ross, The University of AlabamaTitle: *How Do Home Purchase Restrictions Affect Chinese Elite Graduate Students' Job Search Behavior?*Author(s): Weizeng Sun, Central University of Finance and Economics
Sisi Zhang, Jinan University
Siqi Zheng, Massachusetts Institute of Technology
Chengtao Lin, Tsinghua UniversityTitle: *Marriage Market Versus Job Colocation: Location Choices of Singles and Couples with Ph.D.s*Author(s): **Xirui Zhang, Xiamen University****Session 4.3, Seminar Room 4.1****Chair: Shulin Shen, Huazhong University of Science and Technology**Title: *Unobserved Demand Shocks and Housing Market Dynamics in a Model with Spatial Variation in the Elasticity of Supply*Author(s): Badi H. Baltagi, Syracuse University
Stuart Rosenthal, Syracuse University
Shulin Shen, Huazhong University of Science and TechnologyTitle: *Attitudes Toward and Perceptions of the Ambiguity of House and Stock Prices*Author(s): **Yu Zhang, University of International Business and Economics**
Donald R. Haurin, Ohio State UniversityTitle: *The Political Economy of Public Housing Upgrading Programs*Author(s): Sumit Agarwal, National University of Singapore
Mi Diao, National University of Singapore
Tien Foo Sing, National University of Singapore
Xiaoyu Zhang, National University of Singapore**19:00 – 21:00 Day 2 Dinner (Food for Thought, 93 Stamford Rd, #01-04/05 National Museum of Singapore, Singapore 178897)**

APPENDIX

SMU Campus Map

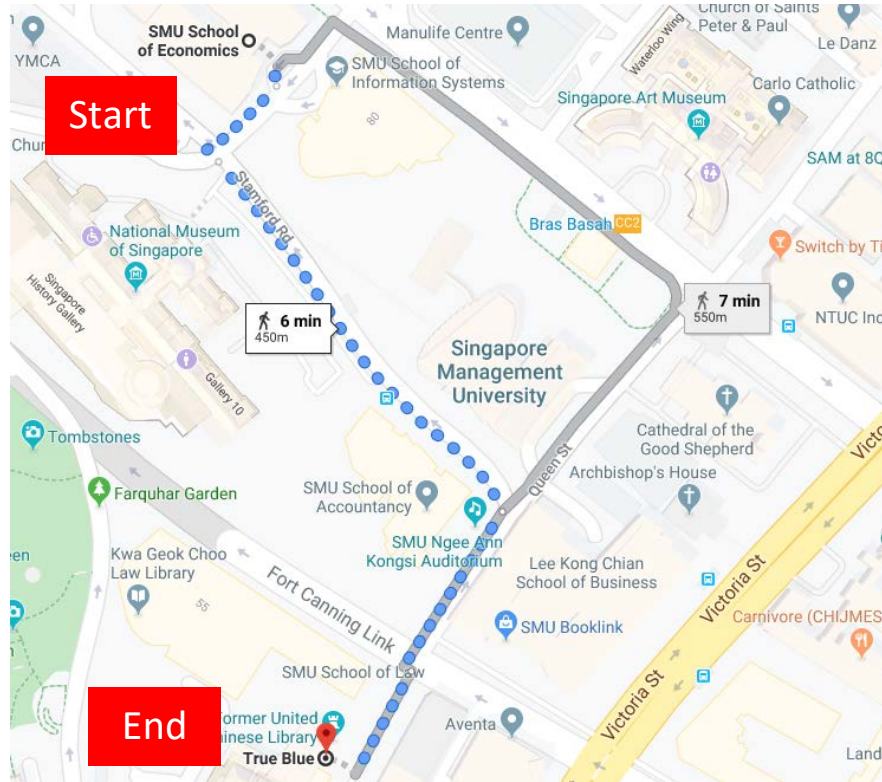
SOE Address: 90 Stamford Road, Singapore 178903

Instructions: Enter via the visitor’s gate and inform the security staff at Level 1 that you are here for the conference and they will grant you access to Level 5, which is accessible only via the lift.

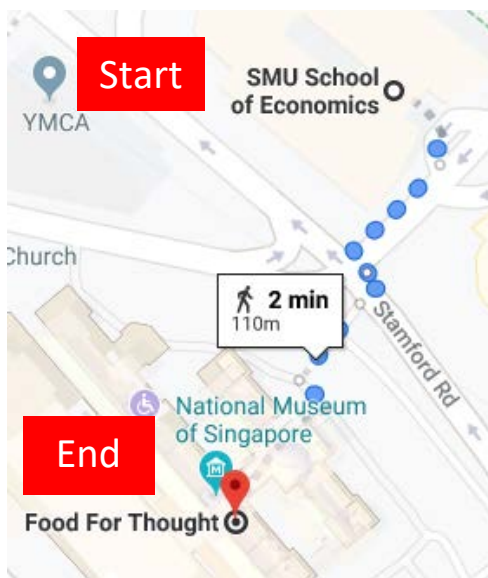


Directions to Restaurants from SOE

Day 1 Dinner Location: True Blue Cuisine (47/49 Armenian St, Singapore 179937)

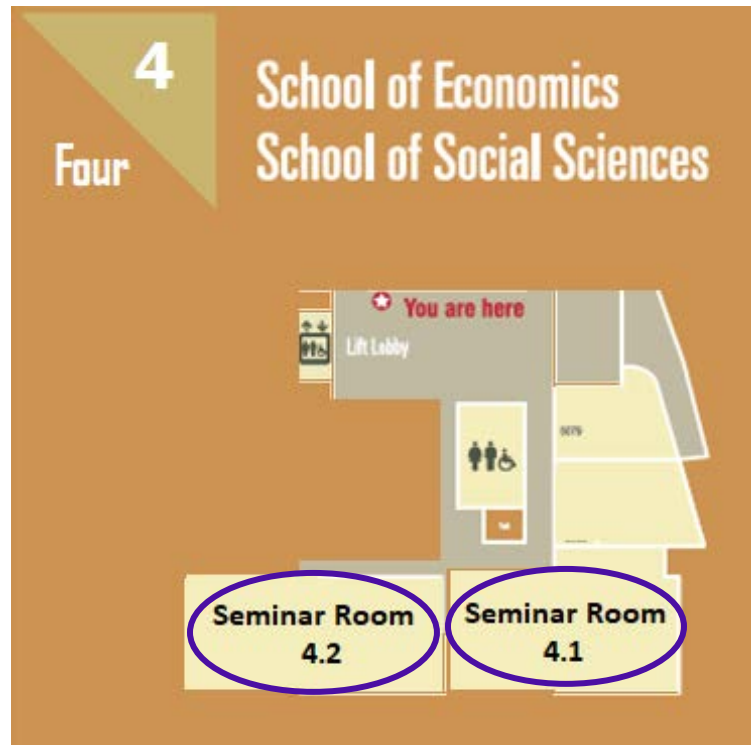


Day 2 Dinner Location: Food for Thought (93 Stamford Rd, #01-04/05 National Museum of Singapore, Singapore 178897)



Floor Map of SOE/SOSS Level 4

***Location of keynote sessions, parallel sessions and registration venue.**



Floor Map of SOE/SOSS Level 5

*Location of keynote sessions, parallel sessions and registration venue.



Instructions for WIFI Connection

Internet Access (WLAN)

Wireless internet access will be available for the conference participants. To access:

<p>1. Eduroam</p>	<p>Choose for 'Eduroam' from the available wireless networks. Users (researchers, teachers, students, staff) from a participating institution can access the Internet from another participating institution.</p>
<p>2. SMU_Visitor</p>	<p>At the Registration/Information Desk, ask for 'self-help guide', choose 'SMU_Visitor' from the available wireless networks, and then register. Username and Password will be given via SMS.</p> <p>Alternatively, you may request for Wi-Fi Username and Password at the Registration/Information Desk when registering for conference.</p>