

Cambridge International Behavioural Sciences and Urban Studies Symposium

Proceedings

19 – 22 May 2019

Cambridge, UK

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Introduction

The Cambridge International Behavioural Sciences and Urban Studies Symposium provides a platform for discussions of cutting-edge research at the intersection of behavioural sciences and urban studies. Seventeen papers are included in the programme and will be presented and discussed extensively during the three-day symposium. A wide range of behavioural topics are covered, including loss aversion, endowment effect, framing, mental accounting, herding, and social preferences. These behavioural tools are applied in land use policy, development and planning problems, urban regeneration, neighbourhood conservation and urban design, immigration and internal labour migration, liability and quality of life, greening, sustainable cities, among others. Presenters and discussants are from the UK, the USA, Australia, China, Singapore, and Hong Kong. The symposium is a true testimony that behavioural studies is an important research stream in urban studies, as researchers in top universities across the world are using behavioural tools to address key issues in urban studies.

The symposium will have no parallel sessions. Each paper presentation session will allow ample time for discussion amongst the presenter, the discussant, and general Q&A with the audience. Papers presented at the symposium will be considered for a special issue of *Cities* (theme: ‘Healthy Cities, Happy Cities’) or a special issue of *Land Use Policy* (theme: ‘Behavioural Land Use Policy Studies’), with an expedited review subsequent to the symposium.

The symposium is part of a research project titled “Nudging Towards a Better Financial Future: Applying Behavioural Insights in the Development of Financial Systems in Rural China”. The project is a collaborative project between the Economic and Social Research Council (ESRC) and the National Natural Science Foundation of China (NSFC). The overarching research question of this project is whether and how behavioural insights can be used to help rural residents in China make sound financial decisions, which will ultimately contribute to the sustainable economic development in China. This symposium is one of the dissemination venues of the project. The event is also generously supported by the Cambridge Land Economy Advisory Board and Newham College.

Cambridge International Behavioural Sciences and Urban Studies Symposium

19 – 22 May 2019, Cambridge, UK

Symposium Programme

19 May 2019 (Sunday)

6:00 pm – 8:00 pm: Symposium registration and welcome reception

Lucia Windsor Room, Newnham College, Cambridge

20 May 2019 (Monday)

Sidgwick Hall, Newnham College, Cambridge

8:45am – 9:00am: Opening speech

Prof. Colin Lizieri, Head of the Department of Land Economy, Director of the Cambridge Real Estate Research Centre, University of Cambridge.

9:00am – 9:45am: Keynote Speech

Prof. Guy Robinson, University of Adelaide, Emeritus Editor of *Land Use Policy*

9:45am – 10:00am: Break

10:00am – 12:30pm: Paper Session 1

Session Chair: Dr. Helen Bao, University of Cambridge

Paper 1: Endowment Effect Accompanying Villager' Withdrawal from Rural Homesteads: A Survey of Chengdu, China

Runqiu Liu, Sichuan University, China

Jian Jiang, Sichuan University, China

Chao Yu, Sichuan University, China

Jesse Rodenbiker, University of California, Berkeley, USA

Yongmu Jiang, Sichuan University, China

Discussant: Dr. Helen Bao, University of Cambridge

Paper 2: Satisfaction Principle or Efficiency Principle? - Decision-making Behavior of Peasants Households in China's Rural Land Market

Lei Feng, Renmin University of China
Minghui Zhang, Renmin University of China
Yixin Li Renmin University of China
Yan Jiang, Renmin University of China

Discussant: Prof. Franz Fuerst, University of Cambridge

Paper 3: The Impact of Property Right System on Farmers' Land Circulation Endowment Effect: A Case Study of China's Farmland "Three Rights" Division

Jinming Yan, Renmin University of China
Yumeng Yang, Renmin University of China
Fangzhou Xia, Renmin University of China

Discussant: Prof. John Glascock, University of Connecticut

12:30pm – 2:00pm:

Lunch

2:00pm – 3:30pm Paper Session 2

Session Chair: Prof. Guy Robinson, University of Adelaide

Paper 4: Unpacking Farmers' Cognition of Land Usufruct in China's Urban Periphery: A Behavioural Institutional Perspective

Yiming Wang, University of Bristol
Hui Wang, Zhejiang University

Discussant: Prof. Ian Hodge, University of Cambridge

Paper 5: Interaction between government and market in the implementation of land use planning: A promotional framework embedded with nudge

Yuzhe Wu, Zhejiang University
Jiaming Shan, Zhejiang University
Charles L. Choguill, Zhejiang University

Discussant: Dr. Özge Öner, University of Cambridge

3:30pm – 4:00pm: Break

4:00pm – 5:30pm Paper session 3

Session Chair: Dr. Bing Wang, Harvard University

Paper 6: Irrational Exuberance and Overbuilding in China: The Case of Ordos City

Xing Su, University of Waterloo

Zhu Qian, University of Waterloo

Discussant: Dr. Yan Zhang, University of Cambridge

6:30pm Conference Dinner (All are invited)

College Hall, Newnham College, Cambridge

21 May 2019 (Tuesday)

Sidgwick Hall, Newnham College, Cambridge

9:00am – 9:45am: Keynote Speech

Prof. Pengjun Zhao, Peking University, Editor of *Cities*

9:45am – 10:00am: Break

10:00am – 12:30pm: Paper Session 4

Session Chair: Prof John Glascock, University of Connecticut

Paper 7: Public Transport, Noise Complaints, and Housing: Evidence from Sentiment Analysis in Singapore

Yi Fan, National University of Singapore

Ho Pin Teo, National University of Singapore

Xinwei Wan, National University of Singapore

Discussant: Dr. Thies Lindenthal, University of Cambridge

Paper 8: Green Building and Residents' Well-being

Danlei Zhang, National University of Singapore

Yong Tu, National University of Singapore

Discussant: Prof. John Glascock, University of Connecticut

Paper 9: Dockless Bike Sharing Alleviates Congestion Through Subway Complement:
Evidence from Beijing

Yichun Fan, Massachusetts Institute of Technology
Siqi Zheng, Massachusetts Institute of Technology

Discussant: Dr. Elisabete Silva, Department of Land Economy, University of Cambridge

12:30pm – 2:00pm

Lunch

2:00pm – 3:30pm Paper Session 5

Session Chair: Prof Siqi Zheng, MIT

Paper 10: Globalization and Skyscrapers: The Role of Architects in Emerging Markets

Nestor Garza, California State University Dominguez Hills
Sofia Dermisi, University of Washington

Discussant: Prof. Colin Lizieri, University of Cambridge

Paper 11: Urban Design from the Human Behavior Perspective: Kevin Lynch's Theory in
Constructing High-Density Urbanism

Bing Wang, Harvard University

Discussant: Dr. Özge Öner, Department of Land Economy, University of Cambridge

3:30pm – 4:00pm: Break

4:00pm – 5:30pm Paper session 6

Session Chair: Dr. Wan Li, University of Cambridge

Paper 12: Impact of mental accounting on household asset allocation of relocated
households: A case study of Hangzhou

Xiaohe Wu, Zhejiang University of Finance & Economics

Yi Peng, Zhejiang University of Finance & Economics
Lu Han, Zhejiang University of Finance & Economics
Haijun Bao, Zhejiang University of Finance & Economics

Discussant: Dr. Wan Li, University of Cambridge

Paper 13: Homevalue Misestimation and Household Leverage: An Empirical Study of Chinese Urban Households

Nan Gao, Zhongnan University of Economics and Law
Pinghan Liang, Sun Yat-sen University

Discussant: Dr. Liang Peng, Pennsylvania State University

6:30pm – 7.30pm:

Women in Real Estate Seminar (all are invited), Principal's Lodge, Newnham College

7:30pm – 9:30pm:

Women in Real Estate Dinner (by Invitation), Principal's Lodge, Newnham College

22 May 2019 (Wednesday)

Sidgwick Hall, Newnham College, Cambridge

9:00am – 11:15am: Paper Session 7

Session Chair: Dr. Liang Peng, Pennsylvania State University

Paper 14: Urbanization Process, Migration and Preference Development in Children:
An Experimental Study on Rural Left-behind Children

Yexin Zhou, Beijing Normal University

Discussant: Dr. Christina Li, Department of Land Economy, University of Cambridge

Paper 15: Private land use for public housing projects: is it a good solution for high-rise high-density city?

Eddie C. M. Hui, The Hong Kong Polytechnic University
Tsz Leung Yip, The Hong Kong Polytechnic University

Cong Liang, The Hong Kong Polytechnic University

Discussant: Richmond Ehwi, University of Cambridge

Paper 16: Simulations of the impacts of different plot ratio/building height scenarios on the surrounding environment in a high-density city

Jian Guo, The Hong Kong Polytechnic University

Man Sing Wong, The Hong Kong Polytechnic University

Sawaid Abbas, The Hong Kong Polytechnic University

Bingxia Sun, The Hong Kong Polytechnic University

Hao Wang, Central University of Finance and Economics

Siu Wai Wong, The Hong Kong Polytechnic University

Stanley Yeung, The Hong Kong Polytechnic University

Qiping Shen, The Hong Kong Polytechnic University

Discussant: Dr. Ziyou Wang, University of Cambridge

11:15am – 11:45am: Closing Speech

Dr. Helen Bao, Department of Land Economy, University of Cambridge

12:00pm – 1pm: Symposium Survivors Lunch

Index of authors and participants

No	Last Name	First Name	Institution	Paper Title	Author	Presenter	Discussant	Speaker	Session Chair
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2	Dermisi	Sofia	University of Washington	Globalization and High-rise Construction in Latin America and South East Asia: The Role of Architects	√	√			
3	Ehwi	Richmond	University of Cambridge	Private housing land use for public housing projects: Is it a good solution for high-rise high-density city?			√		
4	Fan	Yichun	Massachusetts Institute of Technology	Dockless Bike Sharing Alleviates Congestion Through Subway Complement: Evidence from Beijing	√	√			
5	Feng	Lei	Renmin University of China	Satisfaction Principle or Efficiency Principle? - Decision-making Behavior of Peasant Households in China's Rural Land Market	√	√			
6	Fuerst	Franz	University of Cambridge	Satisfaction Principle or Efficiency Principle? - Decision-making Behavior of Peasant Households in China's Rural Land Market			√		
7	Glascock	John	University of Connecticut	- The Impact of Property Right System on Farmers' Land Circulation Endowment Effect: A Case Study of China's Farmland "Three Rights" Division - Green building and residents' well-being			√		√
8	Guo	Jian	The Hong Kong Polytechnic University	Simulations of the impacts of different plot ratio/building height scenarios on the surrounding environment in a high-density city	√	√			
9	Hodge	Ian	University of Cambridge	Unpacking Farmers' Cognition of Farmland Usufruct in China's Urban Periphery: An Empirical Test with Behavioral Interpretations			√		
10	Jiang	Yan	Renmin University of China	Satisfaction Principle or Efficiency Principle? - Decision-making Behavior of Peasant Households in China's Rural Land Market	√				
11	Li	Ling (Christina)	University of Cambridge	Urbanization Process, Migration and Preference Development in Children: An Experimental Study on Rural Left-behind Children			√		
12	Liang	Cong	The Hong Kong Polytechnic University	Private housing land use for public housing projects: Is it a good solution for high-rise high-density city?	√	√			
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15	Liu	Runqiu	Sichuan University	Endowment Effect Accompanying Villagers' Withdrawal from Rural Homesteads: A Survey of Chengdu, China	√	√			
16	Lizieri	Colin	University of Cambridge	Globalization and High-rise Construction in Latin America and South East Asia: The Role of Architects			√	√	
17	Öner	Özge	University of Cambridge	- Interaction between government and market in the implementation of land use planning: A promotional framework embedded with nudge - Urban Design from the Human Behavior Perspective: Kevin Lynch's Theory in Constructing High-Density Urbanism			√		
18	Peng	Liang	Pennsylvania State University	Homevalue Misestimation and Household Leverage: An Empirical Study of Chinese Urban Households			√		√
19	Robinson	Guy	University of Adelaide	Keynote Speech				√	√
20	Shan	Jiaming	Zhejiang University	Interaction between government and market in the implementation of land use planning: A promotional framework embedded with nudge	√	√			
21	Shen	Qiping	The Hong Kong Polytechnic University	Simulations of the impacts of different plot ratio/building height scenarios on the surrounding environment in a high-density city	√				
22	Silva	Elisabete	University of Cambridge	Dockless Bike Sharing Alleviates Congestion Through Subway Complement: Evidence from Beijing			√		
23	Su	Xing	University of Waterloo	Irrational Exuberance and Overbuilding in China: The Case of Ordos City	√	√			
24	Wan	Xinwei	National University of Singapore	Public Transport, Noise Complaints, and Housing: Evidence from Sentiment Analysis in Singapore	√	√			
25	Wan	Li	University of Cambridge	Impact of mental accounting on household asset allocation of relocated households: A case study of Hangzhou			√		√
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30	Xia	Fangzhou	Renmin University of China	The Impact of Property Right System on Farmers' Land Circulation Endowment Effect: A Case Study of China's Farmland "Three Rights" Division	√	√			
31	Yang	Yumeng	Renmin University of China	The Impact of Property Right System on Farmers' Land Circulation Endowment Effect: A Case Study of China's Farmland "Three Rights" Division	√				
32	Zhang	Danlei	National University of Singapore	Green building and residents' well-being	√	√			
33	Zhang	Minghui	Renmin University of China	Decision-making Behavior of Peasant Households in China's Rural Land Market	√				
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37	Zhou	Yexin	Beijing Normal University	Urbanization Process, Migration and Preference Development in Children: An Experimental Study on Rural Left-behind Children	√	√			