The 2nd International Conference on Urban Informatics, ICUI 2019

Call for Abstracts

Following the success of the first International Conference on Urban Informatics (ICUI) in 2017, the Department of Land Surveying & Geo-Informatics (LSGI) at **The Hong Kong Polytechnic University (PolyU)** is proud to host the **Second ICUI at PolyU during 24-26 June 2019**.

The conference aims to provide a platform for leading scientists, engineers, practitioners, young scholars, and researchers from Hong Kong, the region, and the world to share their interests in Urban Informatics, as well as potentially contribute to the publication of a **Special issue of Environment and Planning B: Urban Analytics and City Science**. The occasion will focus on topics in (1) Urban Science and Systems, (2) Urban Sensing, (3) Urban Big Data Infrastructure, (4) Urban Computing, and (5) Urban Problems and Possible Solutions. **A Post-Conference workshop and visit to enterprises of urban informatics and related industries will be jointly organized with the Shenzhen University.**

On behalf of the Organization Committee of ICUI 2019, it is with great pleasure that I invite you to join the conference with LSGI's Distinguished Chair Professors **Michael Goodchild and Michael Batty** and submit the abstract for your latest research discoveries related to the following theme sections via the [Online Submission System](#).

Confirmed Keynote Speakers

- Prof. Michael F. GOODCHILD, Emeritus Professor of Geography, University of California, Santa Barbara
- Prof. Michael BATTY, Bartlett Professor of Planning, University College London
- Prof. Carlo RATTI, Director of Senseable City Lab, Massachusetts Institute of Technology (MIT)
- Prof. Anthony G.O. YEH, Academician of Chinese Academy of Sciences, Chair Professor of Department of Urban Planning and Design, The University of Hong Kong
- Prof. Chenghu ZHOU, Academician of Chinese Academy of Sciences, Research Professor and Deputy Director of the Institute of Geographical Sciences and Natural Resources, CAS; Director of the State Key Laboratory of Resources and Environment Information System
- Prof. Renzhong GUO, Academician of Chinese Academy of Engineering, Professor of GIS, Research Institute for Smart Cities, Shenzhen University
- Prof. Qingquan LI, President, Shenzhen University
- Dr. Ying JIN, University Reader, Director of Studies for Robinson College, University of Cambridge

Theme sections

1. Urban Science and Systems

- Energy Networks
- Smart Cities and Urban Science
- Smart Mobility
- Transport Systems
- Urban Metabolisms
- Urban Spatial Structure

2. Urban Sensing

- Ambient Sensing
- Urban Positioning
- Urban Remote Sensing

4. Urban Computing

- A.I.
- FinTech and Blockchain
- Technologies and Principles
- Uncertainties and Biases
- Urban Models

5. Urban Problems and Possible Solutions

- Housing
- Human Health and Well-Being
- Pollution
- Urban Ecology

- User Generated Content (UGC)
- Urban Economy
- Urban Freight and Logistics including Urban Supply and Waste Management Chains
- Urban Governance
- Urban Risks and Resilience
- Transport

3. Urban Big Data Infrastructure

- Spatial Data Infrastructure (SDI)
- Spatial Search
- Urban Cyberinfrastructure
- Volume, Variety and Velocity

Guidelines for Submission

- Abstracts (1,200 words or more and in Microsoft Word format, please refer to the template) should be submitted electronically via the Online Submission System for review by the Organizing Committee.
- Authors of accepted abstracts will be notified by email. Please find the "Important Dates" below.
- Authors of selected abstracts will be invited to submit a full paper. Those papers will be further reviewed and; if accepted, will be published in a **Special issue of Environment and Planning B: Urban Analytics and City Science.**

Important Dates

Deadline for abstract submission:	**12 April, 2019**	**(Updated)**
Notice of acceptance by email:	2 weeks after submission	
Early bird registration:	1 February, 2019 -	15 May, 2019

Submission of contribution to the special issues of
Environment and Planning B (for invited authors):   15 June, 2019

Organizer: Department of Land Surveying and Geo-Informatics (LSGI)
Faculty of Construction and Environment
The Hong Kong Polytechnic University

Website: https://www.polyu.edu.hk/lsgi/icui2019/
Secretariat: Tel: 852-3400 8158 (Ms Anna Choi)
Email: icui.2019@polyu.edu.hk

Should you have any enquiries, please don't hesitate to contact the Secretariat.
We look forward to meeting you at the ICUI 2019!

Warm regards,

Prof SHI Wen-zhong, John
Chair, Organizing Committee of ICUI 2019
Head & Chair Professor of LSGI, PolyU

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