第 16 届计算机在城市规划与管理中应用国际会议

16th International Conference on Computers in Urban Planning and Urban Management (CUPUM)

会议通知

Notification

The past thirty years since the first CUPUM conference witnessed tremendous progress in the applications of computing technologies in both urban development and urban life itself. Thirty years after, advances in computing, information, communication and web-based technologies have reached into every facet of daily life, reshaping urban life as we know it. Massive and pervasive data generation with the universal adoption of networked computing technologies, on the other hand, offers unparalleled solutions for planning and managing urban futures.

It is under these unprecedented circumstances that after fifteen successful conferences around the globe we are brought here back in China, where e-commerce, social network services, wireless communication techniques, intelligent image processing and other emerging technologies have immensely changed retails, transportation, logistics, etc., impacting industries and academia alike. And here in Wuhan University, we enjoy not only the magnificence in landscape and culture, but also a quarter-century history of exploring digital and intelligent planning with combined efforts of remote sensing, land surveying and geoinformatics.

1. Organizer

School of Urban Design, Wuhan University

2. Advisory Committee

Michael Batty	FBA, FAcSS, FRS, Professor	University College London, UK
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Anthony G. O. Yeh	Member of CAS, Professor	The University of Hong Kong
Jianya Gong	Member of CAS, Professor	Wuhan University
Renzhong Guo	Member of CAE, Professor	Shenzhen University

Zhiqiang Wu	Member of CAE, Professor	Tongji University
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Jun Chen	Academician of International Eurasian Academy of Sciences, Professor	National Basic Geographic Information Center / Wuhan University
Qingquan Li	Academician of International Eurasian Academy of Sciences, President, Professor	Shenzhen University
Qizhi Mao	Academician of International Eurasian Academy of Sciences, Professor	Tsinghua University
Xia Li	Academician of International Eurasian Academy of Sciences, Professor	Huadong Normal University
Xinchang Zhang	Academician of International Eurasian Academy of Sciences, Professor	Guangzhou University
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3. Scientific Committee

Chair of Scientific Committee

Stan Geertman

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Jianggang Xu	(Nanjing University, China)

Xiaobai Yao   (University of Georgia, USA)
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Ming Zhong   (Wuhan University of Technology, China)
Suhong Zhou   (Sun Yat-sen University, China)
Pengjun Zhao   (Peking University, China)
Qing Zhu   (South-west Jiaotong University, China)

5. Conference Time Span

2019/07/08-2019/07/12

6. Conference Venue

Zhongnan Garden Hotel, Wuhan

7. Topics

1.   Agent-based modeling
2.   Animation
3.   Artificial Intelligence in Urban Planning and Management
4.   Artificial Neural Networks
5.   Big data in Urban Planning and Management
6.   Cellular Automata
7.   Computer Aided Design
8.   Decision Support Systems
9.   Genetic Algorithms
10.   GeoDesign
11.   Geographic Information Systems
12.   Information Technology & Expert Systems
13.   Land-use & Transportation modeling
14.   Planning Support Systems
15.   Public Participation Systems
16.   Remote Sensing
17.   Safety & Health Care Systems
18.   Simulation
19.   Social Media and Planning
20.   Spatial data collection, Analysis, and Visualization
21.   Spatial statistics
22.   Urban Management Systems

23. Urban Planning & Modeling

8. Invited Speakers

Name	Title	Affiliation
Stan Geertman	Professor	Utrecht University (Netherlands)
Andrew Allen	Professor	University of South Australia (Australia)
Anrong Dang	Professor	Tsinghua University
Qingyun Du	Professor	Wuhan University
Bo Huang	Professor	Chinese University of Hong Kong
Zhengdong Huang	Professor	Shenzhen University
Yan Liu	Professor	The University of Queensland (Australia)
Ying Long	Distinguished Researcher	Tsinghua University
Qisheng Pan	Professor	Texas Southern University (USA)
Christopher Pettit	Professor	University of New South Wales (Australia)
Wenzhong Shi	Professor	The Hong Kong Polytechnic University
Nelson Rodrigues da Silva	Professor	University of Sao Paulo (Brazil)
Paul Waddell	Professor	University of California, Berkeley, USA
De Wang	Professor	Tongji University
Donggen Wang	Professor	Hongkong Baptist University
Huayi Wu	Professor	Wuhan University
Ray Wyatt	Professor	University of Melbourne (Australia)
Perry Pei-Ju Yang	Professor	Georgia Institute of Technology (USA)
Xiaobai Yao	Professor	The University of Georgia (USA)
Feng Zhen	Professor	Nanjing Univeristy
Ming Zhang	Professor	Wuhan University, University of Texas at Austin (USA)
Suhong Zhou	Professor	Sun Yat-Sen University

9. Paper Submission

Deadline of Abstract/Full Paper Submission: 2019/02/28.

10. Registration

Participants should register online through the conference website (http://www.cupum2019.org).

Registration Fee

Registration Type	Chinese Mainland Attendee		International Atttendee	
	After April 30	Before April 30	After April 30	Before April 30
Student	RMB1700	1350	USD250	USD200
Common	RMB3400	2700	USD500	USD400

The registration fee will cover the conference kit, technical visit, coffee break. Student registration require uploading student proof.

School of Urban Design, Wuhan University

2019/07/07