# ICSSC2017 CALL FOR PAPERS

# 2017 The 4th International Conference on Smart and Sustainable City

## June 5-6, 2017, Shanghai, China

**General Chairs**

Wanggen Wan, *Shanghai University, China*

Wei Xiang, *James Cook University, Cairns, Australia*

Stuart White*, Uni. of Technology, Sydney, Australia*


**International Program Committee Chairs**

Rein Ahas, *University of Tartu, Estonia*

Jie Lu, *University of Technology, Sydney, Australia*

Jie Zhu, *Shanghai Jiao Tong University, China*


**Publication Chairs**

Qiuyu Zhu, *Shanghai University, China*

Lihong Xu, *Tongji University, China*

Ofelia Delfina Cervantes, *UDLAP, Mexico*


**Publicity Chairs**

Bin Wang, *Fudan University, China*

Yongsheng Ding, *Donghua University, China*

J. Alfredo Sánchez, *UDLAP, Mexico*


**Finance Chairs**

Xiaoqing Yu, *Shanghai University, China*

Rui Wang, *Shanghai University, China*


**Local Arrangement Chairs**

Xuzhi Wang, *Shanghai University, China*

Xiaoqun Zhao, *Tongji University, China*

Fei Wang, *Shanghai University, China*


**Registration Chairs**

Mengyao Zhu, *Shanghai University, China*

Xiaoqiang Zhu, *Shanghai University, China*

Hui Yan, *Shanghai University, China*

As the flagship conference in the region and being featured with world-class lectures, this conference (4th International Conference on Smart and Sustainable City) will provide a unique forum for researchers, engineers and educators interested in the research area of Smart City, Big Data and Internet of Things, etc. to learn about recent progresses, to address related challenges and to develop new methods, applications and systems. The conference, to be held on June 5-6, 2017 in Shanghai, the largest city of China, is co-organized by IET Shanghai Local Network, IEEE CIS Shanghai Chapter, Baden-Württemberg International, Shanghai University, Shanghai Jiao Tong University, Fudan University, Tongji University and Donghua University. This conference is strongly supported by the State of Baden-Württemberg of Germany. The proceedings of the conference including all the accepted and IET standards compliant papers will be published by IET. The proceedings will be included in IEL (IEEE/IET Electrical Library) and Ei INSPEC while being submitted to Ei Compendex which has indexed all accepted papers of the last three editions of this flagship conference.

**Topics:** Papers are solicited for, but not limited to, the following areas:

**Track 1: Internet of Things and Sensing**
- Internet of Things, Sensor Network for Urban Issues
- Video Sensor Network, Video Analysis and Pattern Recognition
- Optical Sensor Network, Wireless Sensor Network and Broadband Wireless Technology

**Track 2: Big Data and Urban Computing**
- City Related Big Data Technologies, Urban Computing Platform for City Issues
- Urban Sensing and Urban Computing, Collection and Mining of Urban Heterogeneous Data
- Cooperative Computation of Urban Heterogeneous Data, Expression and Visualization of Urban Data

**Track 3: Social Network Analysis and Data Mining**
- Heterogeneous Data Exploration of Geographic Social-cultural Indicators
- Urban Knowledge Discovery Methodology from Urban Data
- Social Mobility Analysis, High Efficient Processing for Urban Data

**Track 4: Connected Vehicles and Smart City**
- Vehicular Networking and wireless communications
- Cooperative Driving, Intelligent and Autonomous Vehicles
- Smart Transportation and Connected Vehicles

**Track 5: Modeling and Simulation of Complex City**
- GIS and 3D Modeling of City, Multi-scale Geometry and Visualization
- Simulation of Urban Infrastructure, Physics-based Simulation with Human Behavior
- Virtual Reality, Augmented Reality, User Interface Design, Human-computer Interaction

**Track 6: Renewable and Clean Energy for Smart City**
- Renewable and Clean Energy Technologies for Smart and Sustainable City
- The Smart Grid as an Enabler for Low Emission Technologies
- Smart Technology for Sustainable Cities, Life Cycle Management of Smart City

**Track 7: Applications for Smart City**
- Urban Security and Public Safety Technology
- Internet of Things Technologies and Applications for Smart Community and Smart Pension
- Smart Applications for Governance, Economy, and Other Related Areas

## Paper Submission

Prospective authors are invited to send 4-6 pages paper, using IET publication standard, including figures and references to the conference website (http://www.icssc2017.org) following the Instructions for Authors. All papers will be handled and reviewed electronically. Check the conference website for update.

## Important Dates

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| ✧ The Submission Deadline | **April 15, 2017** |
| ✧ Notification of Acceptance | **May 10, 2017** |
| ✧ Camera-ready Copy | **May 20, 2017** |