



Workshop on Smart

and Sustainable City

Workshop on Smart and Sustainable City <https://www.irit.fr/~Georges.Da-Costa/wssc/>

organized in association with The Smart World Congress 2016 <http://2016swc.sciencesconf.org/>

and associated to the International Conference IEEE UIC 2016 <http://uic2016.sciencesconf.org/>

18-21 July, 2016, Toulouse, France

The future smart and sustainable cities applications deployments need to solve many challenges at different levels: social, environmental, economical and technical. Cities around the world are becoming connected cities and the use of Information and Communication Technologies is growing every day while in the same time humans, society and environment must be in the loop. The smart cities applications must be developed by interdisciplinary teams. The main challenges this workshop will highlight are interoperability, open data, self-adaptation, networking and maintenance of cyberphysical systems deployed in the cities, simulation, decision making systems. The technologies and infrastructures have to be defined in order to facilitate a participatory approach for new applications to improve the quality of life and the quality of our environment.

The workshop aims to bring together researchers/academics/industries from different disciplines to discuss smart cities applications, from their requirements and design to their deployment, the main challenges and solutions. Pluri and inter disciplinary works are appreciated.

Topics of interest include, but are not limited to the following:

- Application, deployment, testbed, and experiment experiences in smart cities
- Simulation models and tools to measure systems scalability and to achieve resource saving in socio-technical Smart City systems
- Novel self-adaptive management solutions for large scale systems
- Cloud computing and network infrastructure
- Cyberphysical systems networking in smart cities
- Environment monitoring
- Enabling wireless and mobile technologies for smart cities
- Fault tolerance, reliability and maintenance in smart systems
- Green networking and energy efficiency
- Human mobility modeling and analytics
- QoS and QoE of smart city systems, applications, and services
- Sensing and IoT for smart cities
- Social computing and networks
- Safety, security, and privacy for smart cities
- Smartphone and mobile systems and applications
- Ethics, Quality of Life and Quality of Services in smart cities
- Smart mobility, buildings, energy and grids
- Balance between smart computing devices (Sensing, IoT) and cloud computing
- Dynamic big data analytics

Important Dates :

- Submission of research papers due: May 1st, 2016
- Notification of paper acceptance: May 11th, 2016
- Submission of camera-ready papers due: May 18th 2016
- Workshop date: July 18th or 21st 2016

Submission

Submitted papers will follow the same size and organization of the main event. Informations are available here: <http://2016swc.sciencesconf.org/resource/page/id/12>

The Proceedings of IEEE SmartWorld 2016 and its Workshops will be published by IEEE CPS (IEEE-DL and EI indexed). Each submission should be regarded as an undertaking that if the paper is accepted, then at least one of the authors must register to the conference and present the work in order for the paper to be included in the IEEE Digital Library.

Extended versions of papers will be considered for publication in special issues of several journals.

Workshop Co-Chairs

- Georges Da Costa (IRIT - Toulouse University)
- Marie-Pierre Gleizes (IRIT - Toulouse University)
- Corine Alonso (LAAS - CNRS)
- Marc Mequignon (LERASS - Toulouse University)