2nd Workshop on Smart and Sustainable City

organized in association with The Smart World Congress 2017

and associated to the International Conference IEEE UIC 2017

August, 4-8, 2017, San Francisco, Bay Area

The future smart and sustainable cities need to solve many challenges at different levels: social, political, environmental, economical and technical. Cities around the world are becoming connected cities, becoming ground of experiments for different actors such as industries and public administrations, but also a new object of the urban policies. The use of Information and Communication Technologies is growing every day in the north as well as in the south, in rich countries as well as in poor countries; yet humans, society and environment have to be kept in the loop. A multidisciplinary approach of Smart Cities challenges is therefore mandatory to ensure that citizens are at the center, and actors engaged in the various experiments involved in different projects.

This year, the main topic of the workshop on Smart and Sustainable Cities will focus on the roles of citizens and inhabitants or end-users in the challenges of future smart and sustainable cities and their impacts at different levels, from social dimension to technological innovations. The role of this categories changes radically with the massive use of new technologies. Yesterday, the end-user was only a passive user. Nowadays, the inhabitants, the citizens, the workers are discreet actors of the Smart and Sustainable City. The different projects developed by the municipalities or the big economic and industrial actors require the transformation the transformation from passive users to discreet actors.

The workshop aims to bring together researchers/academics/industries from different disciplines to discuss smart and sustainable cities applications, from their societal and technological impacts to their design and deployment. Multi- and inter-disciplinary works written with a broad interdisciplinary audience in mind are appreciated.

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

- Application, deployment, testbed, and experiences in smart cities
- Participation of citizens, occupants' behavior
- Simulation models and tools to measure systems scalability and to achieve resource saving in sociotechnical Smart City systems
- Novel self-adaptive management solutions for large scale systems
- Ethics, quality of life and quality of services in smart cities
- Social computing and networks
- Safety, security, and privacy for smart cities
- Green networking and energy efficiency
- Human mobility modeling and analytics
- Urban spaces and policies
- Innovative techniques enabling interactions in smart and sustainable cities
- Smart mobility, buildings, energy and grids

More information on https://www.irit.fr/wssc2017 and https://www.irit/neocampus/

Important Dates:

- Submission of research papers due: April 17th, 2017
- Notification of paper acceptance: May 10th, 2017
- Submission of camera-ready papers due: June 10th 2017
- Workshop date : August 4-8 2017

Submission

Submitted papers will follow the same size and organization than the main event. Information are available here: http://cse.stfx.ca/~smartworld/2017/smartworld/ps.php

Submission will be managed through easychair: https://easychair.org/conferences/?conf=ieeeswc2017 in the **Smart and Sustainable City** track.

The Proceedings of IEEE SmartWorld 2017 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 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

- Emmanuel Dubois (IRIT – University of Toulouse)
- Emmanuel Eveno (LISST –Cieu – University of Toulouse)
- Bérangère Lartigue (PHASE – University of Toulouse)
- Nicolas Verstaevel (IRIT – University of Toulouse)

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- Marie-Pierre Gleizes (IRIT - University of Toulouse)
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