Workshop on Scaling Up IoT – Pilots & Scalability, End-User and Market Adoption, Data Protection and Exploitation, Cross-Domain and Smart Cities Integration (in conjunction with Global IoT Summit 2018)

Organizing Committee

Workshop General Chairs:
Dr. Sébastien Ziegler, IoT Forum, Switzerland
Prof. Mirko Presser, Aahrus University, Denmark
Prof. Marimuthu Swami Palaniswami, University of Melbourn, Australia
Dr Srdjan Krco, Dunavnet, Serbia

Technical Program Committee

- Prof. Martin Brynskov, University of Aahrus, Denmark
- Prof. Dimitri Konstantas, University of Geneva, Switzerland
- Dr. Monique Calisti , Martel, Switzerand
- Prof. Serge Fdida, UPMC, France
- Prof. Antonio Skarmeta, Univ Murcia, Spain
- Dr. Eunah Kim, Devcei Gateway, Switzerland
- Prof. Yann Bocchi, University of Applied Sciences Western Switzerland
- Dr. Ioannis Chochliouros, OTE, Greece
- Dr Latif Ladid, University of Luxembourg, Luxembourg

Paper Submission Guidelines

All final submissions should be written in English with a maximum paper length of six (6) printed pages see web conference for instructions. Papers must be submitted through EDAS.

"IEEE reserves the right to exclude a paper from distribution after the conference, including IEEE Xplore® Digital Library, if the paper is not presented by the author at the conference."

Important Dates

Paper submission deadline: **February 28, 2018**
Acceptance Notification: March 31, 2018
Camera-Ready Paper Submission: April 30, 2018

Call for Papers

While the technological enablers for the Internet of Things are emerging and being adopted by the market, the process of testing, validating and demonstrating new Internet of Things technologies and solutions is still challenging. After being tested in laboratories, IoT technologies and solutions must go through the implementation of pilots and demonstrators. Such pilots are source of knowledge that contributes to extend the Internet of Things Science.

A fundamental factor that will impact the evolution of the Internet of Things technology and solutions is related to their adoption by end users and by the market. The Internet of Things constitutes a new interface between technology, market and end-user acceptance. New paradigms and models are required to address more complex ecosystems with multitenant dimensions. The IoT is also characterized by a multilayered architecture. Beyond IoT systems deployments, the availability of powerful data analytics technologies enabling new forms of IoT data exploitation. IoT data become multi-functional by nature. In parallel, such IoT data exploitation has to comply with new regulatory requirements, such as the European General Data Protection Regulations (GDPR) aiming at protecting personal data and privacy.

The Workshop on IoT Pilots, Adoption, Privacy and Scalability (IPAPS) will focus on research and demonstrations at the interface between the technology and the environment in which these technologies are deployed or intend to be deployed. It will encompass the life cycle of Internet of Things technologies, from the lab to the real world and their effective adoption by end-users, the society and the market. The technical topics of interest include, but are not limited to:

- IoT large scale pilots, deployments and demonstrations
- IoT scalability and reliability
- IoT testing technologies
- End-user engagement, tools and methodologies
- IoT in Smart cities
- IoT Privacy, security and data protection
- IoT data management and data analytics
- IoT business modelling and exploitation strategies
- IoT market analysis and studies
- IoT cross-domain interoperability and integration

This workshop is supported by EU projects U4IoT, Create-IoT, Privacy Flag, F-Interop, Synchronicity