Call for Papers

Eight Workshop on Management of Cloud and Smart City Systems (MoCS 2018)
http://mocs.disi.unibo.it/
organized in association with
The Twenty-Third IEEE Symposium on Computers and Communications (ISCC 2018)

June 25th, 2018, Natal, Brazil

Sponsored by IEEE Computer Society and IEEE Communications Society

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**Inquiries regarding the
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to the Workshop Co-Chairs**

The last years have framed a permanent change of vision of Cloud systems. Nowadays, the most important stakeholders such as private companies, public agencies and research communities rely on the Cloud not only for sharing hardware infrastructures (such as the IaaS services) but also, and more importantly, for the software as well as for the data services. Nevertheless, most of the players today require also to analyze data available on the Cloud with a holistic approach provided often by big data analytics techniques.

Under this respect, services designed for a complex scenarios like the Smart Cities and Industry 4.0 scenarios benefit of such a new era of the Cloud. The complexity of human dynamics in a city can be better analyzed by decentralizing the infrastructure, integrating and opening the data and sharing the services. All of such features are the core level of modern Cloud systems. Despite such a rapid (re)evolution of Cloud systems, it is still unclear whether current solutions are able to withstand the abrupt and unpredictably changes imposed by the emergent application scenarios. Moreover, if only effective Cloud management solutions could pave the way to efficient Green computing systems for the processing of real-world Big Data knowledge base and streams, so far only a few seminal works have studied reciprocal benefits and challenges of Cloud and Green solutions for Big Data in large-scale Internet-wide deployment environments. That is case of the upcoming Industry 4.0 deployments.

The MoCS workshop started following the Cloud stream 7 years ago. Our mission is to keep the flow of novelty of Cloud systems and to put on the foreground all the above issues, with a particular attention this year on the convergence of Cloud systems together with Smart City systems to support Big Data for Industry 4.0 scenarios.

Topics of interest include, but are not limited to the following:
- Experiences on the use of Cloud systems when applied to services designed for Smart Cities;
- Analytical and simulation models and tools to measure systems scalability and to achieve resource saving in socio-technical Smart City systems;
- Novel adaptive management solutions for scalable, maintainable, cost-effective Cloud provision, at all software stack layers;
- New models and paradigms for the management of Cloud services at the host level, within/between data centres (intra- /inter-domain);
- Big Data flows processing for Industry 4.0 scenarios;
- Assessment of the relationship between IoT and Cloud systems when applied to Industrial IoT scenarios;
- Experiences on the (re)use of open platforms for services designed for Smart Cities integrated with Cloud systems.

Important Dates
Submission: ~~April 2nd, 2018~~ April 16th, 2018 (extended, strict)
Notification: May 7th, 2018
Camera-ready: May 14th, 2018
Workshop: June 25, 2018

Paper submission
Review manuscripts should be written in English and should describe original works and must be no more than 6 pages for full papers and 4 pages for short papers in the IEEE double column proceedings format including tables, figures and references. No more than the 20% of short papers will be allowed. Download manuscript templates for IEEE conference proceedings <<here>>. Papers exceeding 6 pages will not be accepted by EDAS. At least one author of each accepted paper is required to register to the conference and present the paper. Only registered and presented papers will be published in the conference proceedings.

Authors are invited to submit their papers using the EDAS in the link http://edas.info/N24655. Please, contact your Workshop Organizers for any questions regarding the submission of manuscripts. Accepted papers will be included in the ISCC 2018 Proceedings and will be submitted for inclusion to IEEE Xplore. The IEEE ISCC Proceedings have been indexed in the past by ISI, dblp and Scopus. This makes the IEEE ISCC Workshops publication venues with very high visibility and impact in both Computer and Communications areas.