

Call for Papers

Seventh Workshop on Management of Cloud and Smart City Systems (MoCS 2017)

<http://mocs.disi.unibo.it/>

organized in association with

The Twenty-Second IEEE Symposium on Computers and Communications (ISCC 2017)



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Sponsored by IEEE Computer Society and IEEE Communications Society

<p>Workshop Co-Chairs</p> <p>Michele Girolami National Research Council of Italy michele.girolami@isti.cnr.it</p> <p>Maria Fazio University of Messina, Italy mfazio@unime.it</p> <p>Publicity Chair</p> <p>Dario Russo National Research Council of Italy Dario.russo@isti.cnr.it</p> <p>Steering Committee</p> <p>Antonio Corradi (Chair) University of Bologna, Italy antonio.corradi@unibo.it</p> <p>Luca Foschini University of Bologna, Italy luca.foschini@unibo.it</p> <p>Massimo Villari University of Messina, Italy mvillari@unime.it</p> <p>Burak Kantarci Clarkson University, USA bkantarc@clarkson.edu</p> <p>Inquiries regarding the Workshop should be directed to the Workshop Co-Chairs</p>	<p>The last five years have framed a permanent shift in the way Cloud systems are used. 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. The growing adoption of the Cloud by business and educational institutions is not only due to economic factors, but also to the need for an infrastructure to support projects that involve big data to analyze and understand complex systems and phenomena.</p> <p>The low cost of hardware components and the rapid growth of a business model for Cloud services are two important drivers for the success of the Cloud. Nevertheless, most of the players today require also to analyze data available on the Cloud with a holistic approach provided often by data mining techniques.</p> <p>Under this respect, services designed for complex scenarios like Smart Cities benefit of this new Cloud era. 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.</p> <p>The MoCS workshop started following the Cloud stream 5 years ago. Our mission is to track and comprehend the flow of novelty in Cloud systems and to put on the foreground all the above features and related issues, with a particular attention to the convergence of Cloud systems together with Smart City systems and on the (re)use of open Cloud platforms for designing services for Smart Cities.</p> <p>Topics of interest include, but are not limited to the following:</p> <ul style="list-style-type: none">• 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 Smart City scenarios;• Relationship between IoT and Cloud systems in Smart City scenarios;• (Re)use of open Cloud-integrated platforms for the design of Smart Cities services. <p>Important Dates</p> <p>Submission: April 12st, 2017 Notification: May 1st, 2017 Camera-ready: May 8, 2017 Workshop: July 3, 2017</p> <p>Paper submission</p> <p>Papers should be written in English. Manuscripts should not exceed 6 pages in the IEEE proceedings style, including all figures, tables and references. Papers meeting these requirements will be peer-reviewed by at least three independent reviewers, including a TPC member. Papers must present original and unpublished work and should not be currently under review by any other conference or journal. To submit a paper, please follow the instructions on the Workshop web site. The Workshop Proceedings will be part of the ISCC 2017 Proceedings and will submitted for publication to IEEE Xplore (http://ieeexplore.ieee.org)</p>
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