

**5th IEEE International Workshop on  
Performance Evaluation of Communications in Distributed Systems  
and Web based Service Architectures  
PEDISWESA'2013**

**July 7-10, 2013, Split, Croatia**

**CALL FOR PAPERS**



**SCOPE AND OBJECTIVES**

Performance evaluation is still a topic that attains a lot of attention in both distributed and mobile systems as well as Web based services architectures. Due to the recent advances in internet based applications as well as distributed and mobile communication systems, we are witnessing a variety of new technologies. However, these systems are becoming very large and complex at the same time. Several challenges remain to be resolved before these systems become a commodity. Guaranteeing QoS and provisioning of web-based systems as well as distributed and mobile systems and evaluating their communication performance represent among the challenging problem in the design of these systems. Quantitative analysis can be very difficult and may be intractable because of the state space explosion. New methods and tools have recently emerged for these kinds of complex systems, such as Stochastic Automata Networks, Stochastic bounds, PEPA, ...

This workshop focus on the performance evaluation

of both distributed and mobile systems, as well as Web based services architectures using both analytical methods and simulation studies. Authors are encouraged to submit full papers presenting new research related to QoS and communication performance evaluation of these systems. Submitted papers must not have been published elsewhere nor currently be under review by another conference or journal.

Topics of interest include (but are not limited to):

- Communication performance evaluation of distributed and mobile systems
- Performance evaluation of distributed and web-based systems
- Measurement, analysis, modeling
- Tools and software for performance evaluation
- Simulation and measurements techniques
- QoS for Web services architectures
- Web services composition
- Quantitative analysis
- Stochastic comparisons
- Network Protocols design for Web service devices
- Routing optimization
- Bandwidth management

## IMPORTANT DATES

Paper submission deadline: February 15, 2013  
Notification of acceptance: March 15, 2013  
Camera-ready paper due: April 15, 2013

## INSTRUCTIONS FOR AUTHORS

High-quality original papers are solicited. Papers must be unpublished and must not be submitted for publication elsewhere. All papers will be reviewed by Technical Program Committee members and other experts active in the field to ensure high quality and relevance to the conference. Submission should include a coverpage with authors' names, affiliation addresses, fax numbers, phone numbers, and email addresses. Please, indicate clearly the corresponding author and include up to 6 keywords from the above list of topics and an abstract of no more than 400 words. The full manuscript should be at most 6 pages using the two-column IEEE format. Additional pages will be charged additional fee.

Papers **MUST** be submitted in PDF format and only through EDAS through the website <http://www.ieee-iscc.org/>

The authors of accepted papers must guarantee that their papers will be presented at the conference. At least one author of each accepted paper must register for the conference in order for that paper IWCMC13, which will be included in IEEE Xplore Digital Library.

For additional information, please contact the workshop Co-Chairs  
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## WORKSHOP ORGANIZERS

### General Chair

Lynda Mokdad, University of Paris Est, France

### Program co-chairs

Hacène Fouchal, University of Reims France  
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## INTERNATIONAL PROGRAM COMMITTEE

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## JOURNAL SPECIAL ISSUE

Authors of the best papers will be invited to submit a revised and extended version of their paper after the workshop to a related special issue of the [Journal on Computational Science, Elsevier \(Special issue PEDISWES'13\)](#)