PEDISWESA 2017

**9th IEEE International Workshop on Performance Evaluation of
Communications in Distributed Systems and Web Based Service Architectures**

July 3, Heraklion, Crete, Greece

PEDISWESA 2017

http://people.uncw.edu/kimh/IEEE_PEDISWESA_2017/

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 focuses 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 (but are not limited to)

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

PEDISWESA 2017 COMMITTEES

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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 Papers must be unpublished and must not be submitted for publication elsewhere.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 cover page with authors' names, affiliation addresses, 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 long using the two-column IEEE format. Only papers submitted in PDF format via EDAS submission system will be considered (https://www.edas.info/newPaper.php?c=23263&track=83977). For additional information, please visit http http://people.uncw.edu/kimh/IEEE_PEDISWESA_2017

The authors of accepted papers must guarantee that their papers will be presented at the conference so at least one author of each accepted paper must register for the conference. The Workshop Proceedings will be part of the ISCC 2017 Proceedings and will be submitted for inclusion in IEEE Xplore Digital Library. Selected paper will further be considered for possible publication in special issues in Wiley Concurrency and Computation: Practice and Experience.

IMPORTANT DATES

Paper Submission Deadline:	April 12, 2017 (Firm)
Paper Acceptance Notification:	May 1, 2017
Camera-ready Paper Submission:	May 8, 2017