Call for Papers
IFIP Performance 2011

The 29th International Symposium on Modeling, Measurements, and Evaluation of Computer and Communication Networks

Amsterdam, Netherlands, October 18-20, 2011
http://event.cwi.nl/performance2011

The IFIP PERFORMANCE 2011 conference solicits research papers on the design of algorithms, mathematical modeling, simulation and measurements techniques for computer systems or communication networks. Topics of interest include:

Methodologically-oriented design and evaluation studies of:
- Network architectures, protocols, and algorithms.
- Wireless, mobile, ad-hoc, sensor and cellular networks.
- Data centers, cloud computing, and virtualization.
- Computer architectures, memory systems, and storage systems.
- Energy-efficient computing, and networking.
- Social networks, smart-grid, security systems, Internet servers, multimedia systems, and web services.

Methodologies, evaluation techniques, and algorithms for:
- Capacity planning, resource allocation, routing, scheduling, and Quality of Service.
- System measurement and monitoring.
- Stochastic analysis, statistical analysis, and simulation.

Paper Submission

There are TWO POSSIBLE PAPER FORMATS:
1. REGULAR PAPERS: should not exceed 22 double-spaced pages including figures, tables and references.
2. SHORT PAPERS: should not exceed 3 double-column pages including figures, tables and references. SHORT PAPERS can either summarize very recent research results (including work in progress) or discuss results that do not require a full paper submission.

Both REGULAR and SHORT papers will be presented in the conference and published in the proceedings of the conference:

1. The authors of a REGULAR paper will be given the choice to have their paper published either in a special issue of Performance Evaluation (PEVA) or in a special issue of the ACM Performance Evaluation Review (PER).
2. SHORT papers will appear in the special issue of PER.

These special issues of PEVA and PER will both appear in time for the conference.

Authors of accepted papers that will be published in the ACM PER grant ACM permission to publish them in print and digital formats. Note that there are no copyright issues with PER, and thus authors retain the copyright of their work with complete freedom to submit their work elsewhere.

All submissions will be reviewed using a double-blind review process: the identity of authors and referees will not be revealed to each other. Submissions must be made electronically, details will be provided in the conference website.

Important dates

Submission deadline (extended!):	April 22, 2011
Acceptance notification:	June 30, 2011
Final manuscript:	July 15, 2011
Conference:	October 18-20, 2011

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