

CALL FOR PAPERS



SIGMETRICS - Performance 2006

Joint International Conference on Measurement and Modeling of Computer Systems

Sponsored by ACM SIGMETRICS and IFIP Working Group 7.3

June 26th to June 30th, Saint-Malo, France

<http://www.cs.wm.edu/sigm06/>



The joint Sigmetrics - Performance conference solicits papers on the development and application of state-of-the-art, broadly applicable analytic, simulation, and measurement-based performance evaluation techniques. Of particular interest is work that furthers the state-of-the-art in performance evaluation methods, or combines analytic and experimental methods to evaluate design trade-offs in real systems. Topics of interest include but are not limited to:

- **Performance methodology techniques, algorithms, and tools for:** analytic modeling, system measurement and monitoring, model verification and validation, workload characterization, simulation, statistical analysis, stochastic modeling including queues, stochastic Petri nets, stochastic process algebras, model checking, experimental design, reliability and availability analysis, and performance optimizations.
- **Performance-oriented design and evaluation studies of:** communication networks, Internet servers, computer architectures, database systems, operating systems, distributed systems, multimedia systems, mobile and handheld systems, file and I/O systems, memory systems, real-time systems, and dependable systems, including case studies and performance-evaluation tools.

Submission Guidelines:

Papers: Papers should not exceed 12 pages double column including figures and tables in standard ACM format, which will be provided at the submission web page. *All submissions will be reviewed using a double-blind review process.* The identity of authors and referees will not be revealed to each other. To ensure blind reviewing, authors' names and affiliations should not appear in the paper; bibliographic references should be made in such a way as to preserve author anonymity.

Hot Topic Sessions: Proposals are solicited for a hot topic session, in which a group of speakers will present and discuss their recent results in an area. Send proposals to the program chairs, identifying the organizer of the session, the session title, three to five speakers, the titles of their talks, and a short abstract of each talk.

Workshops: One or more workshops will immediately precede the conference. Send proposals of no more than 1-2 pages to the general chairs. Include the proposed title, brief description of topics, intended audience, and membership of workshop organizing committee. Postscript or pdf is preferred.

Tutorials: A series of tutorials will immediately precede the conference. Send proposals of no more than 1-2 pages for 90 minute or 3 hours tutorials to the tutorial chairs. Include the proposed title, brief description of material, intended audience, assumed background of attendees, and the name, affiliation, contact information (email & phone) and brief biography of speaker(s). Postscript or pdf is preferred.

Important Dates:

October 28, 2005: Paper title, abstract, and author affiliations
November 4, 2005: Full paper, tutorial, and hot topic proposals
February 10, 2006: Notification of acceptance

Organization:

General Chair: Raymond Marie, IRISA/INRIA and University of Rennes, Rennes, France

Program co-Chairs: Peter Key, Microsoft Research, Cambridge, U.K.
Evgenia Smirni, College of William and Mary, Williamsburg, VA, U.S.A.

Tutorial Chair: Thomas Bonald, France Telecom, Issy-les-Moulineaux, France