Call for Papers
SIGMETRICS 2001 / Performance 2001

Joint International Conference on Measurement & Modeling of Computer Systems
Sponsored by ACM SIGMETRICS and IFIP Working Group 7.3

June 17-20, 2001, Cambridge, Massachusetts, USA
http://www.cs.umd.edu/conference/sigmetrics2001

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 those that creatively apply previously developed methods to understand or to gain important insights into key design trade-offs in complex computer/communication systems. Topics of interest include, but are not limited to:

- **Performance-oriented design and evaluation studies of**: communication networks, Internet servers, computer architectures, database systems, operating systems, distributed systems, multimedia systems, file and I/O systems, memory systems, real-time systems, and fault-tolerant systems.
- **Performance methodology techniques and algorithms for**: analytic modeling, system measurement and monitoring, model verification and validation, workload characterization, simulation, statistical analysis, stochastic modeling including queues and Petri nets, experimental design, reliability analysis, performance optimization, and hybrid models.

Submission Guidelines:

Papers: Papers should not exceed 20 double-spaced pages including figures and tables. Papers must be submitted electronically in printable postscript or pdf form; for detailed submission instructions, refer to the above URL. *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 Session: 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.

Tutorials: A series of tutorials will immediately precede the conference. Send proposals of no more than 1-2 pages for 90 minute and 3 hours tutorials to the tutorials chair. 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 Deadlines:

October 26, 2000:	Submission of papers, hot topic proposals, and tutorial proposals.
January 29, 2001:	Notification of acceptance.
March 14, 2001:	Camera ready copy due.

Organization:

General Chair:	Philip Heidelberger, IBM TJ Watson Research Center, philiph@us.ibm.com
Program Co-Chairs:	Ernst Biersack, Institut Eurécom, erbi@eurecom.fr
	Leana Golubchik, University of Maryland, leana@cs.umd.edu
Tutorials Chair:	Mor Harchol-Balter, Carnegie Mellon University, harchol@cs.cmu.edu

The complete conference and program committees can be found at the above URL.