CALL FOR PAPERS

SIGMETRICS 2007

June 12-16, 2007, San Diego, CA
http://www.cs.cmu.edu/∼sigm07

International Conference on Measurement & Modeling of Computer Systems
Sponsored by ACM SIGMETRICS

The ACM SIGMETRICS 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 or 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, experimental design, reliability analysis, performance optimization, and hybrid models.

Submission Guidelines:

Papers: Papers should not exceed 12 pages double column including figures and tables in standard ACM format. 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 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, and the title and 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 chair. Include the proposed title, brief description of topics, intended audience, and membership of workshop organizing committee. Proposals must be submitted electronically in printable postscript, pdf, or plain text.

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 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). Proposals must be submitted electronically in printable postscript, pdf, or plain text.

Important Dates (tentative):

October 27, 2006	Abstract registration
November 3, 2006	Submission of papers, hot topic proposals, workshops and tutorial proposals
February 5, 2007	Notification of acceptance

Organization:

General Chair	Leana Golubchik, `leana@cs.usc.edu`
Program Chairs	Mostafa Ammar, `ammar@cc.gatech.edu`
	Mor Harchol-Balter, `harchol@cs.cmu.edu`
Tutorial Chair	Suman Banerjee, `suman@cs.wisc.edu`

The complete conference and program committees can be found at http://www.cs.cmu.edu/∼sigm07