

CALL FOR ABSTRACTS -- MAMA 2009

The Eleventh Workshop on MATHematical Performance Modeling and Analysis
MAMA 2009

June 15, 2009
Seattle, Washington, USA

Held in conjunction with SIGMETRICS/Performance 2009
<http://conferences.sigmetrics.org/sigmetrics/2009/>

Sponsored by ACM SIGMETRICS

The complexity of computer systems, networks and applications, as well as the advancements in computer technology, continue to grow at a rapid pace. Mathematical analysis, modeling and optimization are playing an important role in research studies to investigate fundamental issues and tradeoffs at the core of performance problems in the design and implementation of complex computer systems, networks and applications.

The Eleventh Workshop on MATHematical Performance Modeling and Analysis (MAMA 2009) seeks to bring together researchers working on the mathematical, methodological and theoretical aspects of performance analysis, modeling and optimization. It is intended to provide a forum at SIGMETRICS conferences for talks on early research in the more mathematical areas of computer performance analysis. These talks tend to be based on very recent research results (including work in progress) or on new research results that will be otherwise submitted only to a journal (or recently have been submitted to a journal). Thus, part of the goal is to complement and supplement the SIGMETRICS Conference program with such talks without removing any theoretical contributions from the main technical program.

This year's workshop will be held on June 15 (the day before the main SIGMETRICS/Performance technical program). In addition to the presentation of extended abstracts, the workshop will include time for informal technical discussions among the speakers and attendees.

SUBMISSION INFORMATION

May 1, 2009: Abstract Submission Deadline
May 15, 2009: Acceptance Notification
May 22, 2009: Final Abstracts for Workshop
Aug 31, 2009: Final Extended Abstracts for PER

MAMA 2009 encourages the submission of abstracts describing early research on the general mathematical, methodological and theoretical aspects of performance analysis, modeling and optimization. Authors are asked to submit 2-3 page abstracts, using the same formatting files and instructions as the main SIGMETRICS/Performance conference (refer to <http://www.acm.org/sigs/publications/proceedings-templates>), before the above deadline. Submissions violating these formatting guidelines will be returned without review. Abstracts should be submitted electronically, as an e-mail attachment, to mss@watson.ibm.com. Postscript or PDF is preferred, although other arrangements can be made by contacting Mark Squillante (mss@watson.ibm.com).

Submissions will be reviewed by the MAMA program committee, from which a number of abstracts will be selected for inclusion in the workshop program. A version of the abstracts will be provided at the workshop. Revised versions of the abstracts will appear in a special issue of Performance Evaluation Review (PER), with a due date after the workshop making it possible for authors to incorporate the results of, or simply mention, any relevant discussions at the workshop. Note that there are no copyright issues with PER, and thus authors will have complete freedom to submit their work elsewhere.

PROGRAM COMMITTEE

Yuliy Baryshnikov, Bell Laboratories
Sem Borst, Bell Laboratories, Eindhoven University of Technology
C.S. Chang, National Tsing Hua University
Jim Dai, Georgia Institute of Technology
Edmundo de Souza e Silva, Federal University of Rio de Janeiro
Nick Duffield, AT&T Labs Research
Derek Eager, University of Saskatchewan
David Gamarnik, MIT
Ayalvadi Ganesh, University of Bristol
Leana Golubchik, University of Southern California
Albert Greenberg, Microsoft Research
Mor Harchol-Balter, Carnegie Mellon University
Pete Harrison, Imperial College
Alain Jean-Marie, University of Montpellier, INRIA
Predrag Jelenkovic, Columbia University
Guy Latouche, Universite Libre de Bruxelles
Zhen Liu, Nokia Research Center
Yingdong Lu, IBM T.J. Watson Research Center
John Lui, The Chinese University of Hong Kong
Michel Mandjes, CWI, University of Amsterdam
Vishal Misra, Columbia University
Dick Muntz, University of California at Los Angeles
Philippe Nain, INRIA
David Nicol, University of Illinois
Sindo Nunez Queija, CWI, TNO
Philippe Robert, INRIA
Devavrat Shah, MIT
Mayank Sharma, IBM T.J. Watson Research Center
Evgenia Smirni, College of William and Mary
Mark Squillante, IBM T.J. Watson Research Center
Don Towsley, University of Massachusetts
David Yao, Columbia University
Bert Zwart, Georgia Institute of Technology

Additional information about the MAMA 2009 Workshop can be found at the SIGMETRICS/Performance 2009 web site:
<http://conferences.sigmetrics.org/sigmetrics/2009/> For more information about the workshop, please contact Mark Squillante (mss@watson.ibm.com).