



HotMetrics'09 Call for Papers

Second Workshop on Hot Topics in Measurement & Modeling of Computer Systems

Held in conjunction with SIGMETRICS 2009

<http://conferences.sigmetrics.org/sigmetrics/2009/>

June 19, 2009

Seattle, WA

HotMetrics 2009 aims to bring together researchers in the SIGMETRICS and related communities to discuss emerging challenges in performance evaluation, including the impact of incorporating reliability, resilience, manageability, and security. The goal is to identify “big” and “hard” problems, and to help develop innovative approaches for solving them. HotMetrics is expected to serve both as a forum for presenting new ideas and for fostering research collaborations between researchers.

We seek submissions of position papers that introduce hard research problems, propose new directions of research, advocate non-traditional approaches to old or new ideas, or generate debate and discussion on a variety of broad issues that are of interest and pertinence to SIGMETRICS. Topics of interest include, but are not limited to:

- Performance-related issues in the design and development of emerging computer systems and networks.
- Trade-offs and dependencies between performance and other metrics such as cost, energy consumption, reliability, availability, consistency, and security.
- Methodologies and frameworks for performance modeling, analysis, optimization and experimentation.
- Practical issues arising in system management and performance engineering.

Submission Guidelines

Papers: Papers must not exceed 5 double-column pages (including figures, tables, and bibliography) in the standard ACM format (<http://www.acm.org/sigs/publications/proceedings-templates>). Papers must be submitted electronically in printable PDF form, via the EDAS system (<http://edas.info/newPaper.php?c=7627>).

To ensure productive discussions, attendance to the workshop will be limited. In addition to authors of selected papers and the reviewers, we will invite a small number of leading researchers to participate in the debates. After the workshop, the revised papers, reviews, and additional commentaries summarizing the discussions will be published in SIGMETRICS's Performance Evaluation Review to provide wide distribution to the community.

Important Dates:

Paper submission: ~~March 25, 2009~~ (Extended) April 1, 9pm Pacific Daylight Time

Notification of acceptance: May 6, 2009

Workshop: June 19, 2009

Organization:

Workshop Co-Chairs: Leana Golubchik, USC (leana@cs.usc.edu)

Arif Merchant, HP Labs (arif_merchant@hp.com)

Program Committee:

Sem Borst, Eindhoven Univ. of Tech, The Netherlands

and Bell Labs, Alcatel-Lucent, USA

Moises Goldszmidt, Microsoft Research, USA

Albert Greenberg, Microsoft Research, USA

Joseph Hellerstein, Google, USA

Kimberly Keeton, HP Labs, USA

Zhen Liu, Nokia Research Center, Beijing, China

John C.S. Lui, Chinese University of Hong Kong, HK

Vishal Misra, Columbia University, USA

Debasis Mitra, Bell Labs, Alcatel-Lucent, USA

David Nicol, University of Illinois, Urbana-Champaign, USA

Evgenia Smirni, College of William and Mary, USA

Mark Squillante, IBM T. J. Watson Research Center, USA

Don Towsley, University of Massachusetts at Amherst, USA

Adam Wierman, Caltech, USA

Walter Willinger, AT&T Labs, USA

Zhi-Li Zhang, University of Minnesota, USA