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, resiliency, 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


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
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Joseph Hellerstein, Google, USA
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