WOSP 2007
6th International Workshop on Software and Performance

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www.wosp-conference.org

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Call for Papers

The complexity of modern software systems (autonomous, mobile, distributed) often induces stringent quantitative behaviour requirements. Support is needed at every stage of development and operation in order to ensure that such requirements (e.g. efficiency and scalability) are met. WOSP brings together software engineers, developers, performance analysts and software/performance modellers who are addressing the challenges of: increasing system complexity, rapidly evolving software technologies, short time to market, incomplete documentation, and less-than-adequate methods, models and tools. The focus of WOSP is therefore in the intersection of software and performance, and not in any of these two disciplines in isolation.

Topics of interest include (but are not limited to) the following areas:
- Performance modeling of software
  - languages and ontologies
  - methods and tools
  - composing models
  - capturing user behavior
- Performance measurement and analysis
  - software performance testing
  - application performance measurement and monitoring
  - analysis of measured application performance data
- Performance and other quality attributes
  - relationship/integration/tradeoffs with other QoS attributes
  - relationship/integration/tradeoffs with cost and schedule
- Performance and development processes
  - software performance patterns and antipatterns
  - software/performance tool interoperability (models and data interchange formats)
  - performance oriented design, implementation and configuration management
  - Software Performance Engineering and Model-Driven Development
  - gathering, interpreting and exploiting software performance annotations and data
- Performance evaluation in application domains (e.g. Web Services, Middleware, Component-Based/Autonomous/Mobile/Intelligent/Adaptive/Embedded Systems)

WOSP 2007 encourages contributions describing basic research, novel applications and experience reports. Experience papers are particularly fostered, as they contribute to fill the gap between theory and practice in the WOSP domain.

In all cases, papers should carefully articulate the relevance of their contributions to software performance engineering.

Important Deadlines
- July 24, 2006 - paper submission
- July 24, 2006 - tutorial proposal submission
- October 14, 2006 - notification of acceptance
- November, 6, 2006 - camera ready due

Submissions
- *Full papers* with research results and advances to the state of the art (up to 12 two-column proceedings pages, prepared using standard ACM format at http://www.acm.org/sigs/pubs/proceed/template.html)
- *Experience papers* on practical aspects (from 5 to 10 pages).
- *Working session proposals*, up to 2 pages explaining the issues to be discussed.
- *Tutorial proposals*, up to 2 pages outlining the coverage, syllabus of topics, names and background of presenters, and including the intended duration (90 minutes, three hours, or six hours).

The *Journal of Systems and Software (Elsevier)* has agreed to publish a special issue with a selection of the WOSP 2007 best papers.