

Performance and Dependability Symposium

<http://www.dsn.org/pds.html>

Call for Contributions

Program Co-Chairs

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The ascendance of networked information in our economy and daily lives has shown that performance and dependability are intimately related in practically all types of computer systems and networks. Analysts, designers, and system administrators must consider the relationships between the occurrence of errors/failures and their impact on performance and on degraded service modes, both in the computer systems themselves and in the interconnections between the system's components.

The Performance and Dependability Symposium aims to bring together academic and industrial researchers in these two areas, with emphasis on integrating theory and practice. Relating analytical techniques to simulations, actual measurements, and experiments will be the broad theme of the symposium. Research and practice relating to hardware and software issues in parallel and distributed systems and networks will be emphasized.

We invite original papers and other contributions reporting research and practical results covering all aspects of assessment of performance, dependability and security applied, but not limited, to: *Software/Hardware Systems, Real-Time Systems, Wireless and Wire-line Communication Systems, Distributed Systems and Networks, Parallel and Clustered Systems, Multiprocessing Systems, Transactional Systems, Systems for Fault-tolerance, Security and Dependability*

Regular papers, practical experience reports, tool descriptions/demonstrations, and panel proposals related to the assessment of performance, dependability and security are especially welcome in the following topics:

- *analytical and simulation techniques,*
- *measurement techniques,*
- *benchmarking,*
- *design and use of assessment tools,*
- *operational data analysis,*
- *performance,*
- *dependability and security issues in the administration of large computer systems,*
- *case studies and issues in the design of computer and communication systems,*
- *transaction performance and recovery,*
- *fault injection and robustness testing,*

- *experimental studies of the impact of tools and processes,*
- *security measurement and modeling.*

Information for Authors

Manuscripts in the following categories will be refereed and considered for publication in the Proceedings of the 2004 International Conference on Dependable Systems and Networks. Excessively long submissions, unoriginal work, or work that is submitted to multiple venues will be disregarded. Please submit in any of the following categories by November 14, 2003:

- *Regular Papers* describing original research.
- *Practical Experience Reports* describing an experience or
- *Tool Descriptions/Demonstrations.*
- *Panels*, including the proposed topic(s), a description of the panel objectives, and the names and addresses of probable panelists.

The title page should include the title of the paper, author name(s), affiliations, mailing address, phone number, fax number, and email address, a maximum 150-word abstract, five keywords (to help with referee assignment), the submission category (see above), an approximate word count, and a declaration that the material has been cleared through author affiliations. For multi-authored submissions, the contact author should be indicated. The format of submissions for review should be single-column, Times 11-point size, double-spaced:

- 20 pages for Regular Papers (equivalent to 10 IEEE conference pages),
- 12 pages for Practical Experience Reports and Tools (equivalent to 6 IEEE conference pages),
- 4 pages (equivalent to 2 IEEE conference page), plus biographical sketch, for Panels.

The format for final, camera-ready submissions that have been accepted for publication should be in accordance with IEEE standard conference paper format.

Submit all materials in electronic form through the web to: <http://www.dsn.org> as Portable Document Format (.pdf) files. For those who are unable to submit materials electronically, please contact the program co-chairs for special instructions.

IMPORTANT DATES

Submission: November 14, 2003

Notification: February 23, 2004