The International Conference on Dependable Systems and Networks (DSN 2008)

Anchorage, Alaska, USA   June 24 - 27, 2008

CALL FOR CONTRIBUTIONS

DSN 2008 will feature a number of coordinated tracks, including: The Dependable Computing and Communication Symposium (DCCS), the Performance and Dependability Symposium (PDS), several workshops, tutorials, a student forum, and fast abstract sessions. We invite you to contribute to this premier conference by submitting to any of the categories below. Please consult the detailed call for papers at www.dsn.org for important guidance on tracks and paper structure.

Regular Papers: Present recent research results with an archival quality conference publication
Practical Experience Reports: Provide an in-depth description of practitioner experience or a case study
Demonstrations: Describe and demonstrate a piece of software, system, or tool
Panels: Discuss and debate topics of high interest to the dependability community
Workshops: Provide opportunities for focused discussion on selected topics in a group setting
Tutorials: Provide short courses on dependability techniques, and theories (held June 24)
Fast Abstracts: Present a very brief abstract of a topic of interest
Student Forum: For PhD students only – mid-length presentations about works-in-progress

Topics of interest for DSN include, but are not limited to:
Architectures for Dependable, Secure and Resilient Computer Systems; Dependability Benchmarking, Modeling and Prediction; Dependability of High-Speed Networks and Protocols; Dependability in VLSI; E-Commerce Dependability; Fault-Tolerance in Transaction Processing Systems, Distributed Systems, Embedded and Real-Time Systems, Mobile Systems and Multimedia Systems; Internet Dependability and Quality of Service; Adaptable, Survivable and Intrusion-Tolerant Systems; Safety-Critical Systems and Critical Infrastructures; Software Testing, Validation and Verification; Software Reliability; Performance and Dependability Assessment by means of Measurement, Analysis and Simulation – Techniques, Tools and Results.

A detailed call for papers will be available at: http://www.dsn.org

Submission Hard Deadlines

Mandatory Paper Abstracts:	December 3, 2007	Full Papers:	December 10, 2007
Workshop Proposals:	October 8, 2007	Panel Proposals:	December 10, 2007
Fast Abstracts & Student Forum:	April 7, 2008	Tutorial Proposals:	January 14, 2008

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An invitation to participate from the DSN 2008 General Chair:

All of us depend upon computers in our everyday lives. But, as the complexity of computer-based systems and networks grows, it is ever more challenging to provide resilience to malicious attacks, accidental faults, design errors, and unexpected operating conditions. Beyond that, such systems are increasingly trusted to provide safety, confidentiality, and near-continuous operation. The challenges to providing computing that is truly dependable in all respects are significant, but meeting them is essential to the well being of corporations, individuals, governments, and our global economy.

DSN is the premier international conference that directly addresses this requirement, providing a forum for presenting the very best research results, solutions to problems, and insight into emergent new challenges. In 2008, the DSN conference will once again incorporate the Dependable Computing and Communications Symposium (DCCS) and the Performance and Dependability Symposium (PDS), together with workshops, tutorials, a student forum, fast abstracts, and demonstrations of tools and technologies.

Conference Venue:

DSN 2008 will be held at the Hilton Anchorage Hotel, situated in the middle of downtown Anchorage, Alaska. A room block will be available for attendees at a discounted price during one of the best weeks of the year to visit the amazing state of Alaska.

Anchorage is the largest city in Alaska, with non-stop flights from many US cities and one-stop flight connections from major cities worldwide. On a coastal plain embraced by six mountain ranges, Anchorage is a modern city surrounded by spectacular wilderness. Visitors can indulge in tax-free shopping at upscale mall stores, see glaciers via float-plane, learn about Eskimo native customs, buy local crafts, or fish the salmon runs a short walk from the conference hotel. The organized excursion will feature glaciers and other outdoor sights. The conference will be held in the peak of summer season, with 19 hours of daylight and moderate summer weather. We hope that attendees will be able to bring their families, and we will make special efforts to help accompanying persons to get the most out of their visit.

General Chair:	Philip Koopman (Carnegie Mellon, *USA*)
Honorary General Chair:	Dan Siewiorek (Carnegie Mellon, *USA*)
Conference Coordinator:	Henrique Madeira (U. Coimbra, *Portugal*)
Program Chair, DCCS:	Neeraj Suri (TU Darmstadt, *Germany*)
Program Chair, IPDS:	Kimberly Keeton (Hewlett Packard, *USA*)
Social/Family Chair:	Susan Kennedy (*USA*)
Workshop Chair:	Christof Fetzer (Dresden University of Technology, *Germany*)
Tutorial Chair:	Aad van Moorsel (Newcastle University, *UK*)
Finance Chair:	Chuck Weinstock (Carnegie Mellon, *USA*)
Publicity Chairs:	Nuno Neves (U. Lisbon, *Portugal*)
	Charles Shelton (Bosch, *USA*)
Publications Chair:	Babak Falsafi (Carnegie Mellon, *USA*)
Paper Submission Chair:	James Hoe (Carnegie Mellon, *USA*)
Local Arrangements Chair:	Tudor Dumitras (Carnegie Mellon, *USA*)
Fund-Raising Chairs:	Priya Narasimhan (Carnegie Mellon, *USA*)
	Mike Reiter (Carnegie Mellon, *USA*)
Registration Chair:	Jeff Hanson (Carnegie Mellon, *USA*)
Volunteer Coordinator:	Rajeev Gandhi (Carnegie Mellon, *USA*)

Sponsorship:

IEEE

IEEE Computer Society Technical Committee on Dependable Computing and Fault Tolerance

IFIP WG 10.4 on Dependable Computing and Fault Tolerance

IFIP