



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 works-in-progress research results

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.

Organizing Committee:

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 Hansen (Carnegie Mellon, USA)
Volunteer Coordinator:	Rajeev Gandhi (Carnegie Mellon, USA)

Sponsorship:



IEEE Computer Society Technical Committee on Dependable Computing and Fault Tolerance



IFIP WG 10.4 on Dependable Computing and Fault Tolerance



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CALL FOR PARTICIPATION

An invitation to participate from the DSN 2008 Family & Social Activities Chair:

Anchorage Alaska is a wonderful vacation destination! This year, we are making a special effort to help accompanying persons take advantage of the opportunity to travel to this amazing location with an attendee. On this brochure are notes and pictures from our scouting trips to Alaska. Don't miss this opportunity to explore America's last frontier with your family!

We'll have special support for families and accompanying persons:

- A local information and arrangements desk at the conference, staffed by local experts
- A kid-friendly alternate excursion and family dinner for those with kids and a tight budget (kids are very welcome on the primary excursion too!)
- Airfare and rental car discount codes
- A "family" web page at dsn.org (we'll add to it over time)

Please feel free to contact us with questions. We're really excited about seeing you in Alaska we're sure you'll have a great time! Just send e-mail to: family@dsn08.org

Alaska Native Heritage Center

This is a unique opportunity to experience Alaska's many diverse native cultures in one location. A walk takes you through clusters of native buildings and interpreters who explain the many different Eskimo cultures. There is a huge totem pole. A central building hosts native performances, exhibits, craftspeople, and a fascinating gift shop worth visiting to shop for authentic native crafts. It's an easy drive, taxi, public bus, or free shuttle ride from downtown. Don't miss this one!



Whittier Alaska

Whittier is a small town that hosts glacier cruise excursions on Prince William Sound. We plan to take such a cruise for the main DSN excursion, but you can also do this on your own as a family activity. You can get to Whittier by rental car (90 minutes), bus, or train on the Alaskan Railroad. Some excursion cruise lines will arrange transportation if you don't have a car. There is a former WW II military rail tunnel that now permits vehicle traffic, but it alternates direction every half hour, so be sure to check the tunnel schedule if driving. It's a very small town; plan on chili dogs rather than a fancy meal.

Anchorage Museum of History and Art

The main attraction is natural history exhibits of Alaska. This includes exhibits on Native Alaskan (Eskimo) artifacts and lifestyles, mounted wildlife, and even a full-size cross section of the Alaskan oil pipeline. It is near the downtown mall and a bit of a walk from the hotel. We recommend the docent tour. This museum is well worth seeing!



See our Family Information web page: <http://2008.dsn.org/family/index.html>



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Dining:

Alaska is famous for its seafood! While you are there, try Alaskan King Crab, Halibut, and shellfish. Be sure to try the distinctive, deep red, wild salmon caught nearby. Sample local specialties such as reindeer sausage, caribou steaks, and wild blueberries. Don't miss the award-winning microbrew pubs near the hotel.

Weather:

Anchorage weather in late June is generally pleasant and mild, comparable to Spring weather elsewhere, but with up to 19 hours of daylight. Bring shorts for daytime hiking, with long pants and a light jacket for evening. Packing advice is available on the conference web site.



Downtown Anchorage:

- **Saturday market.** Every Saturday morning a large lot next to the hotel hosts a gathering of craftsmen and other vendors providing authentic handicrafts, local food, and shopping. This is the place to get the best deal on crafts and in many cases meet the artisans themselves. Don't forget to try the reindeer sausage cart!
- **Anchorage 5th Avenue Mall.** Nordstrom with no sales tax. Five floors of indoor shopping in a modern mall. (Did we mention no sales tax?)
- **Ship Creek salmon run.** A couple blocks from the hotel, see a river with hundreds of huge salmon swimming upstream to spawn. No fishing license needed for kids under 16.
- **Imaginarium: Science Discovery Center.** A hands-on science center an easy walk from the hotel.
- **Shops and other activities.** There are numerous shops, large and small, to see near the hotel and other tourist attractions. Also: day spas, microbrew pubs, and "local color" evening shows. The city is safe and very walkable — enjoy!

Near Anchorage:

- **Cruises!** Consider a pre- or post-conference cruise. You can cruise in one direction and fly home in the other direction.
- **Alaska Wildlife Conservation Center.** A wild animal park on the way to Whittier. Features native animals in open range pens including bears and moose. A bit of a drive.
- **Alaska Zoo.** A zoo with animals in smaller pens, both local and from around the world. Just outside of town. It's medium-sized, but expanding all the time.
- **Sea Plane flightseeing.** Fly from the world's biggest seaplane facility, next to Anchorage airport. We saw Beluga whales, Dahl sheep, moose, and bears.
- **Alaska Wildberry Products.** Dinner, Alaska movie, live "local color" show, Caribou petting, candy and gift store. For-profit, but a lot of fun for kids! Near town; free shuttle.
- **Other outdoor activities.** Golf until midnight on five courses, four-wheeling, sea kayaking, hiking, wildlife viewing, dogsled rides (even in the summer).
- **Train rides.** Ride the Alaskan Railway from Anchorage through Denali National Park. See Mt. McKinley, North America's highest mountain.

Talkeetna Alaska:

Talkeetna is a cute little town about 2.5 hours drive north of Anchorage, on the border of Denali National Park. It has cute small shops, a great view of Mt. McKinley (North America's tallest mountain), and fun family activities. By far the most spectacular activity is taking a ski plane to a glacier partway up Mt. McKinley (picture to right). This is a memory that will last a lifetime! Another fun activity is taking a jet boat tour up and down the river. You can get to Talkeetna by rental car, daily train service on the Alaska Railroad, or a shuttle service.



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