



DSN 2006

The International Conference on Dependable Systems and Networks



Sheraton Society Hill, Philadelphia, Pennsylvania, USA, June 25-28, 2006

INVITATION TO ATTEND AND PARTICIPATE

<http://www.dsn.org>



Bell photo by Jim McWilliams
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The 2006 International Conference on Dependable Systems and Networks (DSN-2006), the leading conference on dependable computing since 1971, will be held in Philadelphia, Pennsylvania, USA, from June 25 to 28, 2006. Dependability is a vital attribute of computing and communication systems that pervade every aspect of our daily lives. As we are increasingly relying on reliable and secure functioning of these systems and networks, there have been increasing concerns about malicious exploitation of imperfect systems and networks as well as the traditional concerns for inadvertent or accidental faults, errors, and failures. The focus of this year's conference is on topics related to the question, "How can we make our computer systems and networks more dependable, reliable and trustworthy and thus **make our businesses, homeland and society more safe and secure?**"

The DSN 2006 program offers a keynote talk by a business and technology leader, research papers, industry sessions, panels, tutorials, workshops, fast abstracts, and a student forum. Please see <http://www.dsn.org> for the full program, conference registration, hotel and local arrangements information.

On behalf of the organizing committee, it is my pleasure to invite you to join us in Philadelphia for DSN 2006.

Chandra Kintala
General Chair, DSN 2006
Stevens Institute of Technology



Highlights of the conference:

Keynote talk

Tutorials on

- Reliability-Aware Microprocessor Architectures
- Dependable Computing over Sensor Networks
- More Reliable Software Faster and Cheaper
- Architecture Level Evaluation of Soft Errors
- Erasable Codes for Fault Tolerant Storage
- Software Dependability: What you didn't learn in Kindergarten

Student Forum

Fast Abstracts

Research paper sessions on

- Real-Time and Embedded Systems
- Safety-Critical Systems
- Architecture and Operating Systems
- Dependable Storage
- Attack Prevention and Mitigation
- Dependability Models
- Byzantine Faults
- Consensus and Leader Election
- Storage Systems
- Attack Analysis
- Intrusion Detection and Tolerance
- Measuring and Modeling
- Complex & Large-Scale Systems
- Networking
- Multiple-Server Systems
- Distributed Algorithms
- VLSI

Workshops on:

- Applied Software Reliability
- Architecting Dependable Systems
- Empirical Evaluation of Dependability and Security

Panels on

- Coordinated, malicious cyber and physical attacks on national infrastructures
- Global dependability collaborations-challenges and successes

Industry Sessions

Dinner Cruise

Sponsored by

