



THE 4TH IEEE INTERNATIONAL CONFERENCE ON NETWORKING, ARCHITECTURE, AND STORAGE

July 9-11, 2009,
Zhangjiajie, Hunan, China

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The 2009 **IEEE International Conference on Networking, Architecture, and Storage** (NAS 2009) serve as an international forum to bring together researchers and practitioners from academia and industry to discuss cutting edge research on networking (wired and wireless), high-performance computer architecture, and parallel and distributed data storage technologies. This year's conference will be held in Zhangjiajie, China's first National Forest Park. NAS 2009 will expose participants to the most recent developments in these interdisciplinary areas.

Topics of interest include but are not limited to:

- Ad hoc mobile networks
- Mobility models and systems
- Network applications and services
- Network architectures and management
- Optical networks
- Peer-to-peer systems
- Resource allocation and management
- Routing protocols,
- Security, trust, and privacy
- Self-organizing networks
- Sensor networks
- Virtual & overlay networks
- Web services
- Network protocols
- Processor architectures
- Cache and memory systems
- Parallel computer architectures
- Evaluation of storage architectures
- Parallel I/O architectures
- Storage management software
- Power-efficient architectures and techniques
- High-availability architectures
- High-performance I/O systems
- Reconfigurable architectures
- Interconnect and network interface architectures
- Innovative hard/soft-ware tradeoffs
- Impact of compilers on architecture
- Performance evaluation
- Storage manageability, reliability, availability, and security
- Storage performance and scalability
- File systems, object-based storage, block-level storage
- Storage networking
- Energy aware storage
- Solid state drive (SSD)

IMPORTANT DATES

- Paper submission: **February 23, 2009 (Firm deadline)**
- Notification of acceptance: **April 10, 2009**
- Final Camera-ready paper: **May 8, 2009**
- Conference: **July 9-11, 2009**

SUBMISSION AND PUBLICATION

NAS 2009 invites authors to submit original and unpublished work. The submitted manuscript is not to exceed 10 2-column numbered pages in IEEE Xplore format. All papers submitted to this conference will be peer-reviewed and accepted on the basis of their scientific merit and relevance to the conference topics. The conference proceedings will be published by IEEE CS Press and also be included in the IEEE digital library. All accepted papers will be indexed through EI, compendexISI Thomson's Scientific and Technical Proceedings, and ISTEP/ISI Proceedings.

More information on <http://www.eece.maine.edu/nas>

