NAS-2015 Call for Papers
10th IEEE International Conference on Networking, Architecture and Storage (NAS)

Boston, Massachusetts, USA, August 6-7, 2015
http://www.nas-conference.org/

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The International Conference on Networking, Architecture, and Storage provides a high-quality international forum to bring together researchers and practitioners from academia and industry to discuss cutting-edge research on networking, high-performance computer architecture, and parallel and distributed data storage technologies. NAS 2015 will expose participants to the most recent developments in the interdisciplinary areas.

Authors are invited to submit previously unpublished work for possible presentation at the conference. The program committee will nominate **best papers** for recognition in the three conference topic areas. All papers will be evaluated based on their novelty, fundamental insight, experimental evaluation, and potential for long-term impact; new-idea papers are encouraged. All accepted papers will be published in IEEE digital library.

Papers are solicited in fields that include, but are not limited to, the following:

- Processor, cache, memory system architectures
- Parallel and multi-core architectures
- GPU architecture and programming
- Data-center scale architectures
- Architecture for handheld or mobile devices
- Accelerator-based architectures
- Application-specific, reconfigurable or embedded architectures
- HW/SW co-design and tradeoffs
- Power and energy efficient architectures and techniques
- Effects of circuits and emerging technology on architecture
- Cloud and grid computing
- Architecture, networking or storage modeling and simulation methodologies
- Non-volatile memory technologies
- Mobile and wireless networks

- Ad hoc and sensor networks
- Network security
- Network information theory
- Software defined networking
- Network applications and services
- Network architecture and protocols
- Virtual and overlay networks
- Network modeling and measurement
- Storage management
- Storage performance and scalability
- File systems, object-based storage
- Energy-aware storage
- SSD architecture and applications
- Parallel I/O
- Cloud storage
- Storage virtualization and security
- Software defined storage
- Big Data infrastructure
- Big Data services and analytics

Important Dates:

Paper Submission: April 3, 2015
Notification: May 20, 2015
Camera-Ready Copy: June 29, 2015