

# 32nd International Conference on Massive Storage Systems and Technologies – MSST 2016

## Research Track Call For Papers

<http://storageconference.us>

The 32nd International Conference on Massive Storage Systems and Technologies (MSST 2016) will be held on the beautiful campus of Santa Clara University, in the heart of Silicon Valley, April 30 - May 6th, 2016, offering a full week dedicated to storage technology. As on previous occasions, the conference will include 3 tutorial days, 2 days of invited talks, 2 days of peer-reviewed research papers, and a vendor exhibition.

The Research Program Committee requests the submission of research papers on the implementation, design, and analysis of file and storage systems. Specific areas of interest include, but are not limited to:

- Exascale storage architecture and design
- Parallel and distributed file systems
- Designs of integrating parallel programming and distributed storage systems
- Scalable metadata management
- Techniques for building extremely scalable and distributed storage systems
- Cloud storage systems and global-scale storage
- Performance modeling and analysis of storage systems
- Experiences with real-world systems and data storage challenges
- Data protection and recovery
- Data archiving
- Data compression and deduplication
- Long-term data preservation and management
- Storage for virtualized environments
- Storage security, privacy, and provenance
- Disk and flash based primary and cold storage systems
- File systems for shingled magnetic recording hard disk drives
- File systems for solid state disk drives
- Tiered storage
- Storage virtualization
- Networked storage architectures
- New storage APIs: object storage, key-value stores, and others
- I/O stacks for low-latency storage devices
- Phase change memory based storage class memory devices and systems
- Storage solutions usability and consumability

## Important Dates

Research Track Abstract Deadline:	Fri, February 5, 2016 11.59pm Hawaiian Standard Time
Research Track Submission Deadline:	Fri, February 12, 2016 11.59pm Hawaiian Standard Time
Research Track Notification Due:	Fri, March 25, 2016
Research Track Final Version Due:	Thu, April 14, 2016 11.59pm Hawaiian Standard Time
Conference:	April 30th - May 6th, 2016
Research Track:	May 5th - May 6th, 2016

# Submission Instructions

As is traditional, MSST will solicit short (4-6 pages) and full (8-14pp) papers. References are not included in page counts. MSST uses IEEE conference paper format: two-column US letter pages with 10pt fonts. The templates and format details are available at [http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html) Submissions are non-anonymous. Submission Web-site is <https://easychair.org/conferences/?conf=msst2016>.

## Research General Chair

- Ahmed Amer, Santa Clara University

## Program Chairs

- Carlos Maltzahn, University of California, Santa Cruz
- Vasily Tarasov, IBM Research

## Program Committee

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