MSST 2020 Research Call for Papers

MSST 2020 will be held May 4-8, 2020 at Santa Clara University, Santa Clara, CA. The Research Track will be May 7 and 8.

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
- Storage security and privacy
- Storage provenance
- 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
- Long term archiving, data preservation and management
- Data compression and deduplication
- Storage for virtualized environments
- File systems
- 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
- Alternative Flash Translation Layers
- Storage class memory devices and systems
- New memory technologies

As is traditional, MSST will solicit short (4–6 pages) and full (8–14 pages) papers. References are not included in page counts. Paper formats should adhere to the IEEE conference templates available at: `https://www.ieee.org/conferences/publishing/templates.html`

Papers can be submitted at: `https://easychair.org/my/conference?conf=msst2020`

Dates: Research Track Submission
Deadline: Feb 15, 2020
Notifications: March 15, 2020

Program Chairs:
- Darrell Long, UCSC
- Michal Simon, CERN