

# **The 34<sup>th</sup> International Conference on Massive Storage Systems and Technologies (MSST 2018)**

**Sponsored by Santa Clara University  
School of Engineering**

## **Challenges in Global Distributed Storage Technologies**

### **Call for Participation**

The conference invites you to share your research, ideas and solutions, as we continue to face challenges in the rapidly expanding need for massive, distributed storage solutions. Join us and learn about disruptive storage technologies and the challenges facing data centers, as the demand for massive amounts of data continues to increase. Join the discussion on web-scale IT, and the demand on storage systems from IoT, healthcare, scientific research, and the continuing stream of smart applications (apps) for mobile devices. The requested submission topics are below.

#### **Tutorial Proposals:**

We are arranging several good tutorials; tutorial submissions are closed.

#### **Technical Presentation:**

We encourage you to participate by submitting abstracts of proposed presentations by March 15<sup>th</sup>.

#### **Extemporaneous Session:**

An extemporaneous session will provide a forum for short presentations of last-minute thoughts and ideas. Presenters will sign up for speaking slots at the conference.

#### **Submission Procedure:**

Proposals should be emailed, in PDF format, to Gaz Salih at:

**gsal@svta.us**

## **Submission topics, including, but not limited to:**

- Persistent memory
- Solid state storage - Flash, MRAM, RRAM, NVRAM...
- Big data trends and challenges
- Data centers -private and public
- Storage security and privacy
- Scalable metadata management distributed storage system
- 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 archiving, protection, recovery
- Data compression and deduplication
- File sub systems, IO subsystems