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11th Non-Volatile Memories Workshop

University of California, San Diego
Price Center - Ballroom East
La Jolla, California USA
March 8-10, 2020

CALL FOR PAPERS

The 11th Annual Non-Volatile Memories Workshop provides a unique showcase for outstanding research on solid state, non-volatile memories. It features a "vertically integrated" program that includes presentations on devices, data encoding, systems architecture, and applications related to these exciting new data storage technologies. Last year's workshop included 45 speakers from top universities, industrial research labs, and device manufacturers, and attracted nearly 200 attendees.

This year, the NVMW will present three awards: The first is the inaugural Persistent Impact Prize to recognize high-impact research published more than 5 years ago. We will also award two Memorable Paper Awards recognizing the best work published in the last 18 months.

The organizing committee is soliciting presentations on any topic related to non-volatile, solid state memories, including:

- Advances in memory devices or memory cell design.
- Characterization of commercial or experimental memory devices.
- Error correction and data encoding schemes for non-volatile memories.
- Advances in non-volatile memory-based storage systems.
- Operating system and file system designs for non-volatile memories.
- Security and reliability of solid-state storage systems.
- Applications of non-volatile memories to scientific, "big data", and high-performance workloads.
- Implications of non-volatile memories for applications such as databases and NoSQL systems.
- Processing in non-volatile memory or storage.

Presentations may include new results or work that has already been published during the 18 months prior to the submission deadline. In lieu of printed proceedings, we will post the slides and extended abstracts of the presentations online. Presentation of new work at the workshop does not preclude future publication.

Workshop submissions should be in the form of a 2-page presentation abstract. Submissions will be evaluated on the basis of impact, novelty, and general interest.

The submission deadline is Wednesday, December 11, 2019, with notification of acceptance by Wednesday, January 15, 2020.

Further details on abstract submission, technical program, tutorials, travel, social program, and travel grants are provided at the workshop website: http://nvmw.ucsd.edu/

PRESENTED BY:

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