2023 International Memory Workshop
May 21st – 24th, 2023 Monterey, California

CALL FOR PAPERS (Deadline February 1st, 2023)

The 15th International Memory Workshop (IMW) is currently planned as an on-site event from May 21st – May 24th, 2023 in Monterey, California. The conference brings the memory community together in a workshop environment to discuss the memory process and design technologies, applications, market needs and strategies. It is sponsored by the IEEE Electron Devices Society and meets annually in May.

The IMW is a premier international forum for both new and seasoned technologists having diverse technical backgrounds to share and learn about the latest developments in memory technology with the global community. The scope of workshop content ranges from new memory concepts in early research to the technology drivers currently in volume production as well as emerging technologies in development.

The workshop will start on Sunday, May 21st by a Tutorial Session, followed by Technical Sessions from Monday May 22nd until Wednesday May 24th. The evening panel discussions will address hot topics in the memory field and active participation and discussions will be encouraged.

Papers are solicited in all aspects of semiconductor memory technology (Flash, DRAM, SRAM, PCRAM, RRAM, MRAM, FRAM, embedded memories, system, and emerging memories), including but are not limited to:

Device Physics & Modeling	New Concepts & Disruptive Technologies
Cell Design & Novel Materials	Emerging Applications & Markets
Memory Process & Integrtion	SSD, Mobile & Automotive
Circuit Design, Algorithms & Error Management	In-Memory & Neuromorphic Computing
Quality & Reliability	Memory-enabled Artificial Intelligence
System Architecture	

PAPER SUBMISSION

- **Single submission of final, up to four-page paper**
- **Best paper and best student paper will be awarded.**
- **Notification of acceptance: March 13th 2023**
- **Invited talks given by renowned experts**

Please submit an electronic paper in PDF format at: https://imw2023.exordo.com. The suggested format can be found at: https://www.ieee.org/conferences/publishing/templates.html. The paper should be no more than four pages including supporting figures and tables. **The deadline for submitting paper is February 1st, 2023**. The proceedings with all the accepted papers will be provided to the participants as a secured PDF download. It will also be submitted to the IEEE for submission to the Xplore database for easy referencing. In keeping with the workshop nature of the meeting, no photograph or recording will be allowed. Submissions from universities are encouraged. There is a subsidized registration fee for students and IEEE Members. The maximum attendance at the workshop is limited. Therefore, advance registration is highly recommended.

CONTACT INFORMATION

General Chair	Publicity Chair	Technical Chair	Finance Chair
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If you have questions, please email at: imw2023.info@gmail.com or visit the IEEE IMW website at:

http://www.ewh.ieee.org/soc/eds/imw/