2022 International Memory Workshop
May 15th – 18th, 2022 Dresden, Germany

CALL FOR PAPERS (Deadline February 1st, 2022)

The 14th International Memory Workshop (IMW) is currently planned as an on-site event from May 15th – May 18th, 2022 in Dresden, Germany. 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 2022 edition is organized by IEEE International LLC.

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 15th by a Tutorial Session, followed by Technical Sessions from Monday May 16th until Wednesday May 18th. 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
Circuit Design, Algorithms & Error Management	SSD, Mobile & Automotive
Quality & Reliability	In-Memory & Neuromorphic Computing
System Architecture	Memory-enabled Artificial Intelligence

PAPER SUBMISSION

- **Single submission of final, up to four-page paper**
- **Best paper and best student paper will be awarded.**
- **Notification of acceptance in early March 2022**
- **Invited talks given by renowned experts**

Please submit an electronic paper in PDF format at: https://imw2022.exordo.com. The submission site will be available starting December 1st, 2021. 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, 2022**. The proceedings with all the accepted papers will be provided to the participants at the workshop in electronic format. 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 : imw2022.org@gmail.com or visit the IEEE IMW website at:

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