



2021 International Memory Workshop

May 16th – 19th, 2021 Virtual Event

CALL FOR PAPERS (Deadline February 1st, 2021)

The 13th International Memory Workshop (IMW) is, due to the Covid-19 pandemic, planned as a virtual event from May 16th – May 19th, 2021. 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 16th by a Tutorial Session, followed by Technical Sessions from Monday May 17th till Wednesday May 19th. While organized as a virtual workshop, active participation and discussions will be encouraged by real-time Q&A as well as live Panel Discussion Sessions

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
Cell Design & Novel Materials
Circuit Design, Algorithms & Error Management
Quality & Reliability
System Architecture

New Concepts & Disruptive Technologies
Emerging Applications & Markets
SSD, Mobile & Automotive
In-Memory & Neuromorphic Computing
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 2021**
 - **Invited talks given by renowned experts**

Please submit an electronic paper in PDF format at: <https://imw2021.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, 2021.** 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

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If you have questions, please email at : imw2021.org@gmail.com or visit the IEEE IMW website at:

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