CALL FOR PAPERS (Deadline February 1st, 2020)

The 12th IEEE International Memory Workshop (IMW) will be held at the Hotel Taschenbergpalais Kempinski in Dresden, Germany from Sunday May 17th though Wednesday May 20th, 2020. 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 morning and afternoon technical sessions are organized in a manner to provide ample time for informal exchanges amongst presenters and attendees. The evening panel discussions will address hot topics in the memory field.

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 2020
- Invited talks given by renowned experts

Please submit an electronic paper in PDF format at: https://imw2020.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, 2020. 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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weisamsnow@gmail.com  agoda@micron.com  srivardhan.gowda@intel.com  wouters@iwe.rwth-aachen.de  Thomas.Mikolajick@namlab.com

If you have questions, please email at: imw2020.org@gmail.com or visit the IEEE IMW website at: http://www.ewh.ieee.org/soc/eds/imw/