



## 2022 International Memory Workshop

May 15<sup>th</sup> – 18<sup>th</sup>, 2022 Dresden, Germany

### CALL FOR LATE NEWS PAPERS (Deadline March 21<sup>st</sup>, 2022)

The 14<sup>th</sup> International Memory Workshop (IMW) is currently planned as an on-site event from May 15<sup>th</sup> – May 18<sup>th</sup>, 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 15<sup>th</sup> by a Tutorial Session, followed by Technical Sessions from Monday May 16<sup>th</sup> until Wednesday May 18<sup>th</sup>. 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  
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

### LATE NEWS PAPER SUBMISSION

- **Single submission of final, up to four-page paper**
- **Notification of late news acceptance on April 1<sup>st</sup> 2022**

A very limited number of late news papers will be accepted. Authors are asked to submit late news papers announcing only very recent developments. Please submit an electronic paper in PDF format at: <https://imw2022.exordo.com>. The submission site will be available starting March 08<sup>th</sup>, 2022. 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 a late news paper is March 21<sup>st</sup>, 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

**Dirk Wouters**  
RWTH Aachen

wouters@iwe.rwth-aachen.de

#### Publicity Chair

**Srivardhan Gowda**  
Intel

srivardhan.gowda@intel.com

#### Technical Chair

**Thomas Mikolajick**  
Namlab and  
TU Dresden

Thomas.Mikolajick@namlab.com

#### Finance Chair

**Antonio Arreghini**  
IMEC

Antonio.Arreghini@imec.be

If you have questions, please email at : [imw2022@tu-dresden.de](mailto:imw2022@tu-dresden.de) or visit the IEEE IMW website at:

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