

2012 International Memory Workshop

May 20th – 23rd, 2012 MELIA MILANO Milano, Italy

CALL FOR PAPERS

The fourth IEEE International Memory Workshop (IMW) will be held at the MELIA MILANO Hotel in Milano, Italy from May 20th-23rd, 2012. This 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 unique forum for specialists in all aspects of memory (non- volatile & volatile) microelectronics and people with different backgrounds who wish to gain a better understanding of the field. The morning and afternoon technical sessions are organized in a manner that provides ample time for informal exchanges amongst presenters and attendees. The evening panel discussions will address hot topics in the memory and memory system field. Papers are solicited in the many aspects of memory technology, including :

- Device Physics
- Cell Design
- Integrated Circuits
- Processing
- Testing
- Packaging
- Quality and Reliability
- New Concepts and Technologies
- Solid State Disks, Memory Cards
- Programmable Logic
- New Applications
- 3D Structures

IMW is attended by a wide international community from North America, Europe and Asia. The number of attendees typically exceeds 300 in recent years, reflecting the growing interest in the workshop. Each year we receive over 80 paper submission and accept about 35 for oral presentation which corresponds to about 40% acceptance rate. Last year, we had a poster session for several qualified papers. In previous workshops we also organized short courses, such as Phase- Change Memory in 2009 and Charge Trap Memory in 2010. We plan to continue both the poster session and short courses in 2011. Again the important goal of IMW is to provide an informal environment to encourage discussions and lively interactions among participants.

SUBMITTING A PAPER

Please submit an electronic abstract in Adobe Acrobat (preferred) or Microsoft Word. The suggested format can be found at: http://www.ieee.org/documents/MSW_USltr_format.doc. Send the abstract to the Technical Chairman at "[submit.imw\[at\]gmail.com](mailto:submit.imw[at]gmail.com)". The abstract should be no more than four pages including supporting figures and tables. **The deadline for submitting abstracts is January 31st, 2012.** The proceeding with all the accepted abstracts will be provided to the participants at the workshop as a bound book and 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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For more information, please visit the IEEE IMW web site at:

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