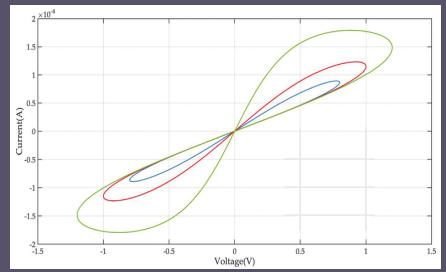
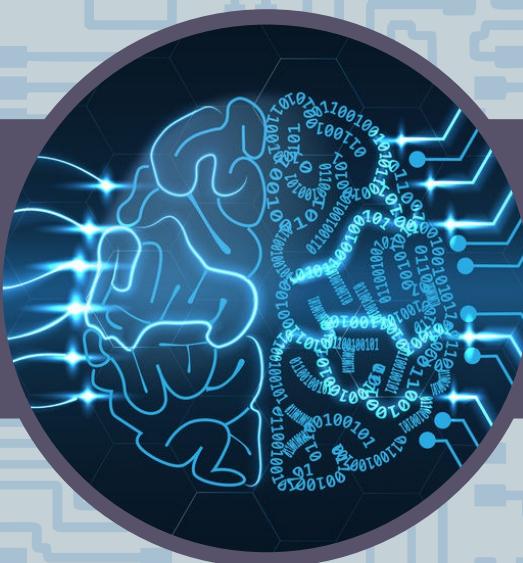
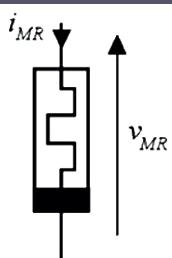
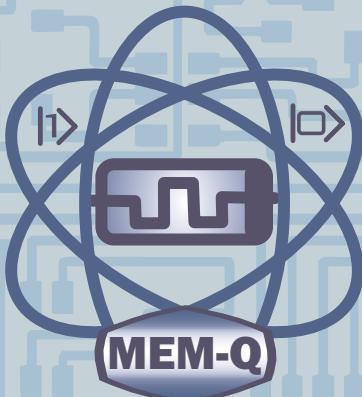


# INTERNATIONAL WORKSHOP

## From ReRAM and Memristors to new Computing Paradigms



28-31 October 2018  
Sentido Aegean Pearl Hotel,  
Rethymno, Crete, Greece



[mem-q.ee.duth.gr](http://mem-q.ee.duth.gr)

**Topics** The following topics are suggested for prospective authors (but not limited to):

- ❖ Physics and technology of ReRAM and memristive nanomaterials and devices
- ❖ Computer simulation
- ❖ Modeling and design of ReRAM and memristive circuits and systems
- ❖ Novel memristor-based paradigms of neuromorphic and quantum computing
- ❖ Memristive neurohybrid systems



Abstract submission deadline: **31 Aug 2018**  
Abstract Acceptance Notification: **6 Sep 2018**

**Important Dates**

**Dr I. Valov , RWTH Aachen – JARA, Germany**

**Plenary Session Speaker**

## Invited Speakers

Dr M. Barlas, STMicroelectronics  
Dr V. Demin, Kurchatov Institute, Russia  
Dr P. Gkoupidenis, Mainz University, Germany  
Dr J. Kim, MIT, USA  
Dr M. Liu, IMS-CAS, China  
Dr A. Regev, Weebit-nano, Israel  
Dr V. Ryazanov, ISSP-RAS, Russia  
Dr C. Strydis, EMC, The Netherlands  
Dr M. Tatarakis, CPPL TEI of Crete, Greece

## Workshop Organizing Committee

Dr. P. Dimitraklis, NCSR “Demokritos”, Greece  
Dr. K. Papaggelis, FORTH, Greece  
Dr. G. Sirakoulis, Democritus University, Greece  
Dr. D. Skarlatos, University of Patras, Greece  
Dr. V. Demin, Kurchatov Institute, Russia  
Dr. A. Mikhaylov, Lobachevsky University, Russia