



**13-15 May 2019, Thessaloniki, Greece**  
**Fuelling Electronics, Communications and Device Technologies**

### Organizing committee:

**General Chair:**

**Prof. Spiros Nikolaidis**, Aristotle University of Thessaloniki, Greece

**Chairs:**

**Prof. Alberto Garcia-Ortiz**, University of Bremen, Germany

**Prof. Andrea Massa**, University of Trento, Italy

**Technical Program Chair:**

**Prof. Sotirios Goudos**, Aristotle University of Thessaloniki, Greece

**Publicity Co-Chairs:**

**Prof. Maciej Ogorzalek**, Jagiellonian University in Krakow, Poland

**Prof. Thanos Stouraitis**, Khalifa Univ., UAE

**Prof. George Karagiannidis**, Aristotle University of Thessaloniki, Greece

**Prof. Ronald Tetzlaff**, TU Dresden, Germany

**Prof. Sandro Carrara**, EPFL Lausanne, Switzerland

**Prof. Dietmar Fey**, University Erlangen-Nyremberg, Germany

**Prof. Andrea Zanella**, Univ. of Padova, Italy

**Prof. Gianluca Traversi**, University of Bergamo, Italy

**Prof. Alkis Hatzopoulos**, Aristotle University of Thessaloniki, Greece

**Prof. Wout Joseph**, Ghent University/iMinds, Belgium

**Prof. Lazaros Nalpantidis**, Aalborg University, Denmark

**Prof. Dimitrios Soudris**, National Technical University of Athens, Greece

**Prof. Magdy Aboelela**, Cairo University, Egypt

**Prof. George Sirakoulis**, Democritus University of Thrace, Greece

**Prof. Yiorgos Tsiatouhas**, University of Ioannina, Greece

**Prof. Traianos Yioultsis**, Aristotle University of Thessaloniki, Greece

**Prof. Ahmed G. Radwan**, Cairo Univ, Egypt

**Prof. Costas Psychalinos**, University of Patras, Greece

**Prof. Dimitrios Vergados**, University of Piraeus, Greece

**Prof. Kostas Kordas**, Aristotle University of Thessaloniki, Greece

**Prof. Leandro dos Santos Coelho**, Pontifical Catholic University of Parana, Brazil

**Prof. Thanos Kakarountas**, University of Thessaly, Greece

**Prof. Panagiotis Sarigiannidis**, Uniiv. of Western Macedonia, Greece

**Prof. Paul Sotiriadis**, NTUA, Greece

**Prof. Christos Volos**, Aristotle University of Thessaloniki, Greece

**Special Sessions Co-Chairs:**

**Prof. Kostas Siozios**, Aristotle University of Thessaloniki, Greece

**Publication Co-Chair:**

**Prof. Rodrigo Picos**, Universitat de illes balears, Spain

**Prof. Carol De Benito**, Universitat de illes balears, Spain

**Phd/master student contest Chair:**

**Dr. Calliope-Louisa Sotiropoulou**, University of Pisa, Italy

**Local Organizing Committee:**

**Prof. Nikolaos Konofaos**, Aristotle University of Thessaloniki, Greece

**Prof. Minas Dasygenis**, University of Western Macedonia, Greece

The **8<sup>th</sup> International Conference on Modern Circuits and Systems Technologies (MOCAS)** aims to bring together leading academic and industrial scientists and researchers to exchange and share their knowledge and experiences about all aspects of Circuits and Systems. It also provides a forum for exchanging ideas, discussing research results, and presenting practical applications in the areas of modeling, design, simulation, synthesis and implementation of Circuits and Systems. It provides an interdisciplinary and multidisciplinary forum for researchers, engineers and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in these fields. The Conference focuses on emerging technologies in:

- Analog/RF and Mixed Signal Circuits
- Digital Circuits and Systems Design
- Nonlinear Circuits and Systems
- Device and Circuit modeling
- High Performance Embedded Systems
- Systems and Applications
- Sensors and Systems
- Communication systems
- Network systems
- Power Management
- Imagers, MEMS, Medical & Displays
- Radiation Front Ends (Nuclear and Space Application)
- Education in Circuits, Systems and Communications

The Conference will be held in **13-15 of May** at the **Aristotle University of Thessaloniki**. For further information look at: <http://mocast.physics.auth.gr>

**Submission deadline: ~~23 December 2018~~ 28 January 2019**

**MOCAS is Technically Sponsored by IEEE. All accepted papers are expected to be included in IEEE Xplore and will be indexed by EI.**