



7-9 May 2018, Thessaloniki, Greece

Fuelling Electronics, Communications and Device Technologies

Organizing committee:

General Chair:

Prof. Spiros Nikolaidis, Aristotle University of Thessaloniki, Greece

Co-Chair:

Prof. George Karagiannidis, Aristotle University of Thessaloniki, Greece

Technical Program Co-Chairs:

Prof. Sotirios Goudos, Aristotle University of Thessaloniki, Greece

Prof. Andrea Zanella, University of Padova, Italy

Publicity Co-Chairs:

Prof. Maciej Ogorzalek, Jagiellonian University in Krakow, Poland

Prof. Thanos Stouraitis, Khalifa Univ., UAE

Prof. Ronald Tetzlaff, TU Dresden, Germany

Prof. Sandro Carrara, EPFL Lausanne, Switzerland

Prof. Christos Bouganis, Imperial College London, UK

Prof. Julius Georgiou, University of Cyprus, Cyprus

Prof. Fernando Corinto, Politecnico di Torino, 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. Traianos Yioultzis, Aristotle University of Thessaloniki, Greece

Prof. Ahmed G. Radwan, Cairo University, Egypt

Prof. Tomislav Matic, University of Osijek, Croatia

Prof. Dimitrios Vergados, University of Piraeus, Greece

Prof. Kostas Kordas, Aristotle University of Thessaloniki, Greece

Prof. Liljana Gavrilovska, Ss Cyril and Methodius University in Skopje, FYROM

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

Prof. Thanos Kakarountas, University of Thessaly, Greece

Prof. Paul Sotiriadis, NTUA, Greece

Prof. Nihad Dib, Jordan University of Science and Technology, Jordan

Prof. Christos Volos, Aristotle University of Thessaloniki, Greece

Special Sessions Co-Chairs:

Prof. George Sirakoulis, Democritus University of Thrace, Greece

Prof. Yiorgos Tsiatouhas, University of Ioannina, 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

Prof. Kostas Siozios, Aristotle University of Thessaloniki, Greece

The **7th International Conference on Modern Circuits and Systems Technologies (MOCAST)** 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
- 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 **7-9 of May** at the **Aristotle University of Thessaloniki, Greece, Dissemination Center (KEΔEA)**, lecture Hall II. Opening at **9.00 a.m.** For further information look at:

<http://mocast.physics.auth.gr>

Important days:

Paper Submission Deadline: **23 December 2017**

Notification of Acceptance: **25 February 2018**

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

