IEEE
Greece Section

MOCAST
INTERNATIONAL CONFERENCE ON MODERN CIRCUITS AND SYSTEMS TECHNOLOGIES
Electronics & Communications

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 Lauzanne, 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 Coehlo, 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, Univ. of Western Macedonia, Greece

The **8th 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
• 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, Greece, Dissemination Center (ΚΕΔΕΑ)**, lecture Hall II. Opening at **8.30 a.m.** For further information look at: **http://mocast.physics.auth.gr**

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

IEEE Greece Section

ΕΛΛΗΝΙΚΟ ΠΑΡΑΡΤΗΜΑ IEEE ΚΥΚΛΩΜΑΤΑ & ΣΥΣΤΗΜΑΤΑ / ΚΥΚΛΩΜΑΤΑ ΣΤΕΡΕΑΣ ΚΑΤΑΣΤΑΣΗΣ
IEEE GREECE CASS/SSCS CHAPTER

CMC Chua Memristor Center

RESEARCH COMMITTEE
ARISTOTLE UNIVERSITY OF THESSALONIKI

AUTH e-LAB
Aristotle University of Thessaloniki-Electronics Laboratory