

# INTERNATIONAL CONFERENCE ON MODERN CIRCUITS AND SYSTEMS TECHNOLOGIES

# 🗕 11-13 June 2025

Dresden University of Technology (TUD), Dresden, Germany
https://tud.de/ing/mocast2025

# **CALL FOR PAPERS**



# **General Chairs**:

Ronald Tetzlaff, TU Dresden, Germany Spiros Nikolaidis, Aristotle University of Thessaloniki, Greece

### **Program Chairs**:

#### **Electronics Engineering Track**

Alberto Garcia-Ortiz, University of Bremen, Germany Ahmet Samil Demirkol, TU Dresden, Germany Communications Track Sotirios Goudos, Aristotle University of Thessaloniki, Greece Dimitris Prousalis, TU Dresden, Germany

#### **Publication Chairs:**

Rodrigo Picos, Universitat de illes Balears, Spain Ioannis Messaris, TU Dresden, Germany Kilian Göller, TU Dresden, Germany

# **Special Sessions Chairs**:

**Georgios Sirakoulis**, Democritus University of Thrace, Greece **Alon Ascoli**, Politecnico di Torino, Italy **Vasileios Ntinas**, TU Dresden, Germany

Industry Chair: Jürgen Daleiden, GlobalFoundries, Germany

#### **Publicity Chairs:**

Hussam Amrouch, TU Munich Ricardo Carmona-Galán, IMSE-cnm & Uni Sevilla, Spain Sandro Carrara, EPFL Lausanne, Switzerland Dietmar Fey, FAU Erlangen-Nürnberg, Germany George Karagiannidis, Aristotle Univ. of Thessaloniki, Greece Valeri Mladenov, Technical University of Sofia, Bulgaria Shanthi Pavan, IITM Madras, India Anatoly Zayats, King's College London, UK The 14th 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.

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# 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

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- Artificial Intelligence, Machine learning and their Applications
- Sensors and Systems, Bioelectronics
- · Communication systems, Network systems
- Power Management, Power electronics
- Imagers, MEMS, Medical & Displays
- Emerging Technologies and Devices
- Radiation Front Ends (Nuclear and Space Application)
- Education in Circuits, Systems and Communications

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

Authors of selected accepted papers will be invited to submit extended version of their paper to the MOCAST Special Issue at Advanced Electronic Materials.



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# **Important Dates:**

