

# Special Issue

## MOCAST 2023

### Message from the Guest Editors

The 12th International Conference on Modern Circuit and System Technologies on Electronics and Communications (MOCAST 2023, <http://mocaust.physics.auth.gr/>) was held in Athens, Greece, from 28 to 30 June 2023. The MOCAST technical program includes all aspects of circuit and system technologies, from modeling to design, verification, implementation, and application. This Special Issue aims to publish extended versions of top-ranking papers of the conference. The topics of MOCAST include the following:

- 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;
- Artificial intelligence, machine learning, and their applications;
- Emerging technologies and devices;
- Communication systems;
- Network systems;
- Power electronics and management;
- Imagers, MEMS, medical and displays;
- Radiation front ends (nuclear and space application);
- Education in circuits, systems, and communications.

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### Guest Editors

Prof. Dr. Spyridon Nikolaidis

Prof. Dr. Rodrigo Picos

Dr. Alon Ascoli

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### Deadline for manuscript submissions

closed (31 March 2024)



## Technologies

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## About the Journal

### Message from the Editor-in-Chief

*Technologies*, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

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### Editor-in-Chief

Prof. Dr. Manoj Gupta

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the first half of 2025).