CALL FOR PAPERS

Reinventing Microelectronics

MWSCAS 2023

Phoenix, Arizona, USA

August 6-9, 2023

Welcome to Arizona: from the Wild West Frontier, breathtaking Red Rock landscapes, rich Native American culture, to state-of-the-art technology nexus. The 66th IEEE Midwest Symposium on Circuits and Systems (MWSCAS) will travel to the Valley of the Sun to experience southwestern desert and global technology. MWSCAS 2023 is the North American flagship conference of the IEEE Circuits and Systems (CAS) Society and a premiere forum for researchers in the active fields of theory, design, and implementation of circuits and systems. This is accomplished through technical conference sessions, poster sessions, and publication of conference papers. MWSCAS 2023 embraces the theme *Reinventing Microelectronics* to explore the potential of circuits and systems to address societal challenges through microelectronics design and manufacturing.

Highlighting Innovation Themes:

- Artificial Intelligence & Deep Learning
- Autonomous Vehicles and Systems
- Heterogeneous Integration and Chiplets
- Smart Manufacturing & Industry 4.0
- Personalized and Digital Health Systems
- Brain: Innovative NeuroTechnologies
- Trusted Electronics & Hardware Security
- Green and Sustainable Energy
- Big Data Processing & Internet of Things
- Workforce for Microelectronics 2.0

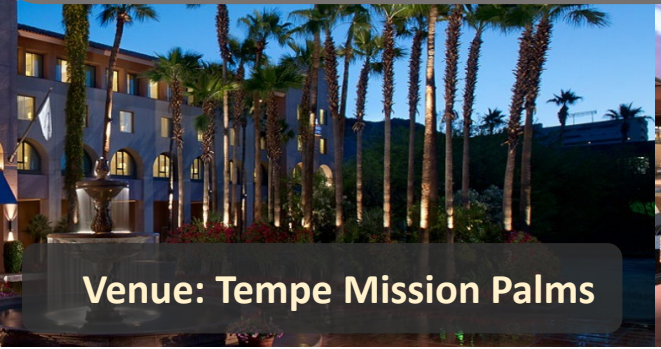
Collecting Contributions in all areas of Circuits and Systems including:

- Analog and Mixed Signal Circuits and Systems
- Digital Integrated Circuits and Systems
- Power and Energy Circuits and Systems
- Sensory Circuits and Systems
- Signal, Image, and Multimedia Processing
- Communications Circuits and Systems
- RF and Wireless Circuits and Systems
- Biomedical Circuits and Systems
- Neural Networks and Neuromorphic Engineering
- Beyond CMOS Circuits and Architectures

Important Dates

Special Sessions Proposals	March 31
Submission of Regular Papers	April 7
Notice of Acceptance	May 26
Final Submissions	June 12

mwscas2023.org



Venue: Tempe Mission Palms