

"Circuits and Systems for Sustainable Development"

ISCAS 2024



Singapore | May 19-22, 2024

Resorts World Sentosa Convention Centre

Call for **CAS/EDS Cross-Society**
Special Session Papers

"Flexible Circuits and Systems for the Era of
Everything Intelligence"

About ISCAS-2024: The IEEE International Symposium on Circuits and Systems (ISCAS) is the flagship conference of the IEEE Circuits and Systems Society. ISCAS 2024 will be held in Singapore, from May 19 to 22, 2024, inspired by the theme "Circuits and Systems for Sustainable Development".

About the Special Session: The rapid evolution of technology in recent years has led to the emergence of the Era of Everything Intelligence, where interconnected devices and systems interact seamlessly to enhance various aspects of our lives. This special session aims to explore the critical role of flexible circuits and systems in realizing the vision of a Smart Interface – a versatile and adaptable platform that enables intelligent interactions between humans, machines, and the environment. This session will bring together researchers, engineers, and experts from academia and industry to discuss and share their latest advancements, challenges, and innovative solutions in the field.

The proposed session includes the following topic:

- Flexible Electronics for Wearable and Implantable Devices
- Sensor Integration and Data Fusion in Flexible Systems
- Energy Harvesting and Power Management in Flexible Circuits
- Bioelectronics and Neural Interfaces on Flexible Substrates
- Human-Machine Interaction and Interface Design
- Stretchable and Bendable Electronics for Internet of Things (IoT)
- Printed Electronics and Additive Manufacturing Techniques
- Machine Learning and AI for Flexible System Optimization
- Novel Materials and Fabrication Processes for Flexible Circuits
- Security and Privacy in Smart Interfaces



* Selected papers will be invited for possible publications in IEEE Journal on Flexible Electronics (J-FLEX).

* The presentation video will be available to attendees in both ISCAS and IFETC.

For potential contributor, please kindly email to

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for your interest topic, authors, abstract of your work

Important Dates:

Abstract Submission: Oct. 1, 2023

Special Session Papers Submission: Oct. 31, 2023

Decision Notification: Jan 15, 2024



2024.ieee-iscas.org

Organizers:

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