

CALL FOR PAPERS

IMPORTANT DATES

December 5, 2022

Deadline for tutorial and special sessions proposals

February 6, 2023

Deadline for full paper submission

April 10, 2023

Notification of Acceptance

May 1, 2023

Deadline for author registration

May 1, 2023

Submission deadline of final Manuscript

ORGANIZING COMMITTEE

General Chairs

Srinjoy Mitra

University of Edinburgh, UK

Hadi Hadari

University of Glasgow, UK

Technical Program Chairs

Danial Chitnis

University of Edinburgh, UK

Erika Covi

NaMLab, Germany

The 21st IEEE International NEWCAS Conference will be held in Edinburgh, Scotland, on June 26 – 28, 2023. The program of the conference will be tailored to reflect the wide spectrum of topics and research interest shared among the organizing entities. This collaboration will be oriented towards advanced research in adaptive systems which constitutes the highlights of the NEWCAS conference, but also areas related to analog and digital signal processing, low power consumption, circuits and systems designs.

The topics include, but are not limited to:

- » Analog/mixed-signal circuits
- » Biomedical circuits and systems
- » Digital circuits and systems
- » Communications circuits and systems
- » RF & microwave circuits
- » Photonic integrated circuits
- » CAD and design tools
- » Test and verification
- » Energy harvesting and power management
- » Low-power low-voltage designs
- » Microsystems and Embedded systems
- » Circuits and systems for AI algorithms
- » Neural networks and neuromorphic circuits
- » Sensory circuits and systems
- » Imaging and image sensors
- » Emerging technologies and technology trends

SUBMISSIONS

The organizing committee invites prospective authors to submit complete 4-page papers in standard IEEE double-column format, with the possibility of an additional page dedicated to references, to clearly present the work, methods, results, originality, significance, superiority and applications of the techniques discussed. The papers must be submitted in PDF format, and only electronic submissions will be accepted.