

NEWCAS 2025

AN IEEE CASS
FLAGSHIP
CONFERENCE



AUTHORS SCHEDULE

DEADLINE for full paper submission:

February 3, 2025

DEADLINE for tutorial and special sessions proposals: **January 6, 2025**

NOTIFICATION of acceptance: **April 14, 2025**

SUBMISSION DEADLINE of final manuscript: **May 2, 2025**

For detailed information on proposal and paper submission procedure please refer to the conference website: newcas2025.com

**All deadlines are 23:59 PST.*

ORGANIZING COMMITTEE

HONORARY CHAIRS

Mohamad Sawan, Westlake University, CN
Mounir Boukadoum, UQAM, CA

GENERAL CHAIRS

Patricia Desgreys, Telecom Paris,
Institut Polytechnique de Paris, FR
Bertrand Granado, Sorbonne University, FR

TECHNICAL PROGRAM CHAIRS

Pietro Maris Ferreira, Savoie Mont Blanc
University, FR
Alexandre Robichaud, UQAC, CA

FINANCE & INDUSTRIAL LIAISON CHAIR

Khalil Hachicha, Sorbonne University, FR
Andrea Pinna, Sorbonne University, FR

SPECIAL SESSION CHAIRS

Hervé Barthélemy, Toulon University, FR
Elizabeth Colin, EFREI, Paris-Panthéon-Assas
University, FR

TUTORIAL CHAIRS

Paul Chollet, Telecom Paris, Institut
Polytechnique de Paris, FR
Shahriar Mirabbasi, UBC, CA

LOCAL ARRANGEMENT CHAIRS

Germain Pham, Telecom Paris, Institut
Polytechnique de Paris, FR
Petr Dobiáš, CY Cergy Paris University, FR

CALL FOR PAPER

**THE 23RD IEEE INTERNATIONAL NEWCAS
CONFERENCE WILL BE HELD IN PARIS, FRANCE,
ON JUNE 22–25, 2025.**

It will reflect a wide spectrum of topics, research and practices in the field of circuits and systems and offer an international forum for exchanging ideas and results. The submission of the full paper should be in 4 to 5-page format (the 5th page should contain only references) according to the IEEE template. It will be published in IEEE Xplore after their presentation at the conference either in Lecture or Poster format. Being an IEEE CASS Flagship conference, NEWCAS committee will invite selected papers to submit an extended paper on a Special Edition of IEEE TCAS journals. Tutorials, special sessions and keynote talks with prominent experts and emergent topics in Circuit and Systems will complete the technical program.

Held in the Medical School building of Sorbonne University, the conference will highlight Circuits and Systems for Biomedical Applications in 2025. One of the conference headlines is «From Biomedical Devices to Intelligent Biomedical Sensors, Systems and Applications.»

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
- Quantum computing

CONFERENCE VENUE: PARIS – LES CORDELIERS

NEWCAS 2025 will take place in the very downtown Paris at «Les Cordeliers» a historic place in Paris coming from the 13th century, first a convent, then in the 18th as the famous «Club de Cordeliers» led by Danton and the 19th the Faculty of Medicine of Paris University. «Les Cordeliers» is 10 mn walk to Notre Dame, La Sainte Chapelle, Panthéon and Saint Germain des Prés.

*«Paris has beauty only in its history, But this story is so beautiful! »
Paris - Paul Verlaine (1893).*