

26th International Conference on Digital Signal Processing

*** 60th Anniversary ***

June 28-30, 2027; London, United Kingdom

CALL FOR PAPERS

DSP 2027

Imperial College London

Honorary Chair
Anthony G Constantinides, UK

General Chairs
Danilo Mandic, UK
Saeid Sanei, VN

Constantinides Session Chairs
fred harris, USA
Athanassios Skodras, Greece

60th Anniversary Chair
Jonathon A. Chambers, UK

Technical Program Chair
Geoffry Li, UK

Plenary Chairs
Petar Djuric, USA
Kin K. Leung, UK

Special Sessions Chairs
Pier-Luigi Dragotti, UK
Wan-Chi Siu, Hong Kong
Wei Dai, UK

Publications Chairs
Anil Bharath, UK
Ayush Bhandari, UK
Clive Cheong Took, UK

Publicity Chairs
Tania Stathaki, UK
Stefan Vlaski, UK
Felipe Tobar, UK

Finance Chair
Athanasios Gkelias, UK

Local Arrangement Team
Athanasios Gkelias, UK
Nina Moutonnet, UK
Hien Vy Nguyen, VN

International Liaisons
Monica Bugallo, USA
Vito Cappellini, Italy
Paulina Chan, USA
Marek Domanski, Poland
Fulvio Gini, Italy
Anthony Kuh, USA
Kenneth Lam, Hong Kong
Wei Liu, Hong Kong
Petros Maragos, Greece
H. Vincent Poor, USA
Ales Prochazka, Czechia
Cedric Richard, France
Tieniu Tan, China
Toshihisa Tanaka, Japan
Abdelhak M. Zoubir, Germany

The 26th International Conference on Digital Signal Processing (DSP 2027), with the theme of **DSP for Interactive Intelligence**, technically co-sponsored by IEEE Signal Processing Society and supported by EURASIP and APSIPA will celebrate its 60th anniversary in June 2027 in the UK. It is the longest in existence conference in DSP area and belongs to a series of events that commenced in London in 1967 and continued to Florence, Nicosia, Limassol, Santorini, Cardiff, Corfu, Hong-Kong, Singapore, Beijing, Shanghai, Rhodes, and Costa Navario in 2025. It will bring together leading experts from academia and industry to share the most recent and exciting advances in digital signal processing and celebrates its role in underpinning the modern AI.

DSP 2027 addresses the state-of-the-art techniques in signal processing, machine learning, and data-driven approaches and their diverse applications. These include primarily those areas listed under all EDICS categories of the IEEE Signal Processing, Image Processing, Communications, Biomedical Engineering and Computational Intelligence Societies.

The program will include presentations on novel research theories / applications / results in lecture, poster and plenary sessions. Special sessions organised by internationally recognised experts in the area constitute the basis of DSP conferences. For further detail please follow the conference link: DSP2027.com.

Topics of interest include, but are not limited to:

- Applied Signal Processing Systems
- Audio & Acoustic Signal Processing
- Biomedical Imaging & Signal Processing
- Compressed Sensing
- Computational Imaging
- Computer Vision
- Generative AI
- Green Signal Processing
- Image, Video & Multidimensional Signal Processing
- Information Forensics, Security & Privacy
- Internet of Things
- Large Language Models
- Multimedia Signal Processing
- Neuromorphic Computing
- Quantum Signal Processing
- Remote Sensing & Signal Processing
- Sensor Array & Multichannel SP
- Signal Processing Theory & Methods
- Speech & Language Processing
- Signal Processing for Big Data
- Signal Processing for Communications
- Signal Processing Education
- Signal Processing for Robotics
- Signal Processing over Graphs
- Signal Processing in Emerging Technologies
- Surrogate Data Generation & Data Augmentation

PAPER SUBMISSION

The language of the conference is English. Prospective authors are invited to submit full-length papers (up to 4 pages for technical content including illustrations, and a 5th page containing references only). IEEE templates for the paper format and "no show" policy do apply. Authors should indicate one or more of the above listed categories that best describe the topic of the paper. Submitted papers will be reviewed by a minimum of two independent reviewers using a single-blind peer review process. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. The conference social program will provide an opportunity to meet colleagues and friends.

IMPORTANT DATES

• Submission of full papers	January 23, 2027
• Notification of acceptance	March 23, 2027
• Author advance registration	April 23, 2027
• Camera-ready paper submission	April 23, 2027
• Conference attendance	June 28-30, 2027

IMPERIAL

IEEE Signal Processing Society

EURASIP

APSIPA
ASIA PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION