



DSP 2027

Imperial College London

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26th International Conference on Digital Signal Processing

*** 60th Anniversary ***

June 23-25, 2027; London, United Kingdom

CALL FOR PAPERS

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 EURASIP, will celebrate its 60th anniversary in June 2027 in the UK. It is the longest in existence Conference in the area of DSP 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 range of applications. This includes 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](https://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

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| • 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 23-25, 2027 |

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