IEEE SSP 2025

23rd IEEE Statistical Signal Processing workshop

Royal College of Physicians, Edinburgh, Scotland, UK

8 to 11 June 2025

Important dates

Submission of full papers: ~~12 February 2025~~ **Extended 19 February 2025**
Notification of paper acceptance: **2 April 2025**
Camera-ready submission: **30 April 2025**
Author's registration/early bird registration**: 30 April 2025**
Final registration deadline: 25 May 2025

General Co-Chairs
Mike Davies, University of Edinburgh
Yoann Altmann, Heriot-Watt University
Technical Program Co-Chairs
Steve McLaughlin, Heriot-Watt University
Simon Godsill, University of Cambridge
Special Session Co-Chairs
Jordi Vila-Valls, University of Toulouse
Barbara Pascal, Laboratoire des Sciences du Numérique de Nantes
Plenary Session Co-chairs
Tulay Adali, University of Maryland
Roula Nassif, Université Côte d'Azur
Publication Chair
Prof. Jie Chen, Northwestern Polytechnical University
Finance Co-Chairs
James Hopgood, University of Edinburgh
Stephan Weiss, University of Strathclyde
Publicity Chair
Monica Bugallo, University of Stonybrook
Local Arrangements Co-chairs
Victor Elvira, University of Edinburgh
Marcelo Pereyra, Heriot-Watt University
Tutorials & Awards Co-chair
Audrey Repetti, Heriot-Watt University

https://2025.ieeessp.org/

The IEEE Statistical Signal Processing (SSP) workshop is one of the foremost international conferences on statistical signal processing and its applications. The 23rd edition will be held from 8th to 11th June in Edinburgh, the capital of Scotland: known world-wide for its history, architecture, scenery, and cultural attractions. The programme will feature many world-class plenary speakers for emerging topics, as well as regular and special sessions covering the latest research and innovation in the field.

Conference Topics

- Signal and system modelling
- Sampling and reconstruction
- Adaptive signal processing
- Optimization techniques for signal processing
- Sparsity-aware processing and compressive sensing
- Machine learning and pattern recognition
- Data driven methods
- Data sciences
- High-dimensional statistical inference
- Signal processing over graphs
- Signal processing over networks
- Distributed signal processing
- Array processing, radar, and sonar
- Matrix and tensor methods
- Signal separation methods
- Internet of things and sensor networks
- Communication systems and networks
- Information forensics and security
- Social networks
- Bioinformatics and genomics
- Physiological signal processing
- Medical and biomedical imaging
- Audio and acoustic signal processing
- Speech and language processing
- Smart grids, power systems, and industrial applications
- Geoscience and seismology
- Financial signal processing
- Quantum signal processing
- Astrophysics
- Other emerging topics

Submission of papers

We invite prospective authors to submit full-length papers of four pages of technical content (with a fifth page containing only references). Please refer to the conference webpage for more information about paper template and formatting guidelines. All accepted papers must be presented at the workshop in order to be included in the proceedings. There will be best student paper awards.

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