

Special sessions

Signal, image processing and machine learning in neuroscience

5th international conference on “Modelling, Computation and Optimization in Information Systems and Management Sciences”

MCO 2025

June 4 - 6, 2025, Metz, France

<https://mco2025.event.univ-lorraine.fr/>

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General description of the special session

We are delighted to announce a special session dedicated to exploring the latest advancements at the intersection of signal/image processing and machine learning as applied to neuroscience. This session aims to bring together researchers, practitioners, and experts from diverse backgrounds to discuss innovative methodologies, share cutting-edge research, and foster interdisciplinary collaborations that push the boundaries of our understanding of neural data.

Session topics:

- Advanced signal processing techniques for neural recordings
- Image processing methods for brain imaging data
- Machine learning algorithms for neural pattern recognition and analysis
- Multimodal data integration in neuroscience
- Deep learning applications in neuroimaging
- Novel computational frameworks for brain signal interpretation

Submission

Submissions are open at <https://mco2025.event.univ-lorraine.fr/page/submission>
(Select the track “Special Session – Signal, image processing and machine learning in neuroscience)

Important dates:

March 09, 2025	Deadline for the paper submission
March 24, 2025	Notification of paper acceptance/rejection
April 15, 2025	Abstract submission deadline
April 17, 2025	Abstract acceptance/rejection notification