MLSP 2023

33rd IEEE International Workshop on Machine Learning for Signal Processing

September 17th - 20th, 2023 | Fontana di Trevi Conference Centre - **Rome**, Italy

CALL FOR PAPERS

The 33rd MLSP Workshop, an annual event organized by the IEEE Signal Processing Society MLSP Technical Committee, will present the most recent and exciting advances in machine learning for signal processing through keynote talks, tutorials, special and regular single-track sessions, and demonstration sessions. Prospective authors are invited to submit papers on relevant algorithms and applications including, but not limited to:

- Deep learning techniques
- Deep generative models
- Self/semi-supervised learning
- Adversarial machine learning
- Graph neural networks
- Learning from multimodal data
- Learning theory and algorithms
- Distributed/Federated learning
- Machine learning over wireless networks
- Reinforcement learning

- Matrix factorization/completion
- Dictionary learning
- Source separation
- Independent component analysis
- Sparsity-aware learning
- Tensor-based signal processing
- Information-theoretic learning
- Pattern recognition and classification
- Feature extraction/selection/learning
- Applications of machine learning

IMPORTANT DATES

- Special Session Proposal submission   March 20th, 2023
- 6-page paper submission   April 28th, 2023
- Paper acceptance notification   June 1st, 2023
- Camera-Ready submission   July 27th, 2023

Prospective authors are invited to submit papers following the guidelines at **https://2023.ieeemlsp.org**. All the accepted and presented papers will be published in and indexed by IEEE Xplore.

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