

MLSP2017

IEEE International Workshop on
MACHINE LEARNING FOR SIGNAL PROCESSING

SEPTEMBER 25-28, 2017 ROPPONGI, TOKYO, JAPAN
MLSP2017.CONWIZ.DK

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CALL FOR PAPERS

The 27th MLSP workshop in the series of workshops 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, as well as special and regular single-track sessions. Prospective authors are invited to submit papers on relevant algorithms and applications including, but not limited to:

- Bayesian learning and signal processing
- Cognitive information processing
- Deep learning techniques
- Dictionary learning
- Graphical and kernel methods
- Independent component analysis
- Information-theoretic learning
- Learning theory and algorithms
- Pattern recognition and classification
- Bounds on performance
- Subspace and manifold learning
- Sequential learning and decision methods
- Source separation
- Tensor and structured matrix methods
- Machine learning from big data
- Scalable learning algorithms
- Applications including: speech, audio & music, image & video, biomedical signals & images, communications, bioinformatics, biometrics, systems biology, computational intelligence, genomic signals & sequences, social networks, games, smart grid, security & privacy

MLSP 2017 will include **Special Sessions** that address research in emerging or interdisciplinary areas of particular interest, not covered already by traditional MLSP sessions.

The **MLSP Best Student Paper Award** will be granted to the best paper for which a student is the principal author and presenter.

Prospective authors are invited to submit a double column paper of up to six pages using the electronic submission procedure at <http://mlsp2017.conwiz.dk>. Accepted papers will be published on a password-protected website that will be available during the workshop. The presented papers will be published in and indexed by IEEE Xplore.

Important Dates and Deadlines

Paper submissions	May 28, 2017
Decision notifications	July 12, 2017
Camera-ready papers	August 7, 2017
Author advance registration	August 7, 2017

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