

MLSP2015

IEEE International Workshop on
MACHINE LEARNING FOR SIGNAL PROCESSING

SEPTEMBER 17-20, 2015

BOSTON, MASSACHUSETTS, USA

MLSP2015.CONWIZ.DK

Organizing committee

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CALL FOR PAPERS

The 25th 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:

- Learning theory and techniques
- Graphical models and kernel methods
- Data-driven adaptive systems and models
- Pattern recognition and classification
- Distributed, Bayesian, subspace/manifold/sparsity-aware learning
- Multiset data analysis and multimodal data fusion
- Perceptual signal processing in audio, image and video
- Cognitive information processing
- Multichannel adaptive and nonlinear signal processing
- Applications, including: speech & audio, image & video, music, biomedical signals & images, communications, bioinformatics, biometrics, computational intelligence, genomic signals & sequences, social networks, games, smart grid, security & privacy

Data Analysis and Signal Processing Competition is organized in conjunction with the workshop. The goal of the competition is to advance the current state-of-the-art in theoretical and practical aspects of signal processing domains.

MLSP 2015 seeks proposals for **Special Sessions** that will address research in emerging or interdisciplinary areas of particular interest, not covered already by traditional MLSP sessions. Please submit proposals to the Special Session Chair.

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://mlsp2015.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.

Please refer to the workshop website for more details.

Important Dates and Deadlines

Special session proposals	April 12, 2015
Paper submissions	May 17, 2015
Decision notifications	June 21, 2015
Camera-ready papers due	June 28, 2015
Advance registration	August 2, 2015

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