

# MLSP2016

IEEE International Workshop on  
MACHINE LEARNING FOR SIGNAL PROCESSING

SEPTEMBER 13-16, 2016

VIETRI SUL MARE, SALERNO, ITALY

MLSP2016.CONWIZ.DK

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## CALL FOR PAPERS

The 26th 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

## Important Dates and Deadlines

Special session proposals	April 3, 2016
Paper submissions	May 1, 2016
Decision notifications	June 5, 2016
Camera-ready papers and advance author registration	July 31, 2016

## Sponsored by



## Supported by

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**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 2016 seeks proposals for **Special Sessions** that will 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://mlsp2016.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.