

MLSP 2013

IEEE International Workshop on
MACHINE LEARNING FOR SIGNAL PROCESSING
September 22-25, 2013 **Southampton, United Kingdom**



CALL FOR PAPERS

The 23rd MLSP workshop is sponsored by the IEEE Signal Processing Society. The MLSP workshop is to bring together the researchers from all over the world to exchange ideas and share the most recent research achievements in signal processing developments for machine learning and cognition systems through plenary talks, tutorials as well as special and regular single-track sessions. Prospective authors are invited to submit papers on relevant subjects 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 and 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 and audio, image and video, music, biomedical signals and images; communications; bioinformatics; biometrics, computational intelligence, genomic signals and sequences; social networks; games, and smart grid.

Data Analysis and Signal Processing Competition is being 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. The problems are selected to reflect current trends, evaluate existing approaches on common benchmarks, and identify critical new areas of research. Winners will be announced and awards given at the workshop.

LATENT VARIABLE ANALYSIS

This year the Latent Variable Analysis (LVA) Conference will take place as a two-day track (September 24-25) within the MLSP Workshop.

DATA COMPETITION

Data Analysis and Signal Processing Competition is being 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. The problems are selected to reflect current trends, evaluate existing approaches on common benchmarks, and identify critical new areas of research. Winners will be announced and awards given at the workshop.

PAPER SUBMISSION

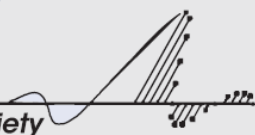
Prospective authors are invited to submit a double column paper of up to six pages using the electronic submission procedure at <http://mlsp2013.conwiz.dk>. Accepted papers will be published on memory sticks to be distributed at the workshop. The presented papers will be published in and indexed by IEEE Xplore.

SCHEDULE

Submission of full paper: May 24, 2013
Notification of acceptance: June 28, 2013
Advance registration before: July 26, 2013
Camera-ready paper: July 26, 2013



IEEE
Signal Processing Society



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