LVA ICA
Grenoble 2017

13th International Conference on Latent Variable Analysis and Signal Separation
February 21-23, 2017, Grenoble, France

Call for Papers

Latent Variable Analysis, Independent Component Analysis
LVA-ICA International Conference,
February 21st-23rd, 2017, Grenoble, France

LVA-ICA 2017 will be the 13th in a series of international conferences which have attracted hundreds of researchers and practitioners over the years.

Prospective authors are invited to submit original papers in all areas related to latent variable analysis, independent component analysis and signal separation, including but not limited to:

-**Theory**: statistical and probabilistic models; detection, estimation and performance criteria and bounds; causality measures; flat, hierarchical and dynamic structures; sparsity-promoting methods; learning theory; sparse coding; optimization tools;

-**Models**: latent variables modeling as parameters, vectors or signals, discrete or continuous; probabilistic or structural modeling; time-varying, memoryless, convolutive, noisy, noiseless, under- and over-complete;

-**Algorithms**: estimation, separation, identification, detection, blind and semi-blind methods, non-negative matrix factorization, tensor decomposition, adaptive and recursive estimation; features selection; time-frequency and wavelets based analysis; complexity analysis;

-**Applications**: speech and audio separation, recognition, dereverberation and denoising; auditory scene analysis; image segmentation, separation, fusion, classification, texture analysis; biomedical signal analysis, imaging, genomic data analysis, brain-computer interface;

-**Emerging related topics**: social networks; data-mining; artificial intelligence; sparse coding; objective and subjective performance evaluation.

The conference will be held on **February 21st-23rd, 2017 in Grenoble, France**.
Keynote Speaker : José Bioucas Dias, Instituto de Telecomunicações, Lisboa, Portugal
Sharon Gannot, Bar-Ilan University, Israel
Olivier François, Grenoble-INP, Grenoble, France

The conference will be preceded by a **1-day advanced Winter School** and followed by a **1-day Workshop** on **A**dvanced **D**ata **M**ining, organized jointly with European Research Council projects **DECODA** and **CHESS**.
Invited Tutorials : Jean-François Cardoso, CNRS, Paris, France
Nikos Sidiropoulos, Univ. of Minnesota, USA

IMPORTANT DATES

Full Paper Submission Deadline :	**Sept 19th, 2016**
Notification of acceptance :	**Nov 23rd, 2016**
Final manuscript due :	**Dec 12th, 2016**

www.lva-ica-2017.com

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