

POSTER SESSION

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| 4 | Imane El Hamzaoui and Jerome Bobin | Sparse component separation from Poisson measurements |
| 6 | Yushan Gao and Thomas Blumensath | BSGD-TV: A parallel algorithm solving total variation constrained image reconstruction problems |
| 7 | Christophe Kervazo, Jerome Bobin and Cécile Chenot | Heuristics for Efficient Sparse Blind Source Separation |
| 8 | Yann Traonmilin, Samuel Vaïter and Rémi Gribonval | Is the 1-norm the best convex sparse regularization? |
| 10 | Adrien Meynard | Joint nonstationary blind source separation and spectral analysis |
| 11 | Clément Dorffer, Angélique Drémeau and Cédric Herzet | Efficient atom selection strategy for iterative sparse approximations |
| 14 | Kostiantyn Maksymenko, Clerc Maureen and Theodore Papadopoulos | Data-driven cortical clustering to provide a family of plausible solutions to M/EEG inverse problem |
| 24 | Gabor Hannak, Alessandro Perelli, Gerald Matz, Mike Davies and Norbert Goertz | Performance Analysis of Approximate Message Passing for Distributed Compressed Sensing |
| 25 | Victor Boutin, Angelo Franciosini, Franck Ruffier and Laurent Perrinet | From biological vision to unsupervised hierarchical sparse coding |
| 27 | Christian Kümmerle and Claudio Mayrink Verdun | Denoising and Completion of Structured Low-Rank Matrices via Iteratively Reweighted Least Squares |
| 29 | Pierre-Yves Gouzenbourger, Estelle Massart and P.-A. Absil | Blended smoothing splines on Riemannian manifolds |
| 31 | Colas Schretter, Jianyong Sun and Peter Schelkens | From Adaptive Kernel Density Estimation to Sparse Mixture Models |
| 32 | Miaomiao Zhang, Ivan Markovsky, Colas Schretter and Jan D'Hooge | A Low-Rank and Joint-Sparse Model for Ultrasound Signal Reconstruction |
| 33 | Paul Escande and Mauro Maggioni | Multi-scale Decomposition of Transformation (MUSCADET) |
| 37 | Benoît Pairet, Laurent Jacques and Faustine Cantaloube | Reference-less algorithm for circumstellar disks imaging |
| 38 | Christian Schou Oxvig and Thomas Arildsen | Generalised Approximate Message Passing for Non-I.I.D. Sparse Signals |
| 40 | Farah Cherfaoui, Valentin Emiya, Liva Ralaivola and Sandrine Anthoine | Frank-Wolfe Algorithm for the m-EXACT-SPARSE Problem |
| 18 | Dongdong Chen, Jiancheng Lv and Mike Davies | Learning Discriminative Representation with Signed Laplacian Restricted Boltzmann Machine |
| 22 | Duc Minh Nguyen, Evaggelia Tsiligiani and Nikos Deligiannis | Matrix Factorization via Deep Learning |
| 28 | Farouk Yahaya, Matthieu Puigt, Gilles Delmaire and Gilles Roussel | Faster-than-fast NMF using random projections and Nesterov iterations |
| 35 | Thomas Feuillen, Luc Vandendorpe and Laurent Jacques | Drop It Like It's Hot: An extreme bit-rate reduction scheme for 2D radar localization |