

2016 IEEE Statistical Signal Processing Workshop

26-29 June 2016, Palma de Mallorca, Spain



Venue

Es Baluard Museu d'Art Modern i Contemporani, Palma de Mallorca, Spain

Paper Submission

Prospective authors are invited to submit full-length papers, with up to four pages for technical content including figures (references can be listed in a fifth page if needed), using the templates and formatting guidelines posted on the website. All accepted papers must be presented at the workshop in order to be published in the proceedings. Best student paper awards, selected by a SSP committee, will be presented at the workshop.

Special Sessions

In addition to regular sessions, the workshop will also have a number of special sessions on topics of particular relevance. Prospective organizers of special sessions are invited to submit a proposal form, available on the workshop website, by e-mail to the Special Sessions Chair.



The 2016 IEEE Workshop on Statistical Signal Processing (SSP 2016)

is the 19th of a series of unique meetings that bring members of the IEEE Signal Processing Society together with researchers from allied fields such as bioinformatics, communications, machine learning, and statistics.

The scientific program of SSP 2016 will include invited plenary talks, as well as regular and special sessions with contributed research papers. All submitted papers will be reviewed by experts and only a proportion will be accepted to maintain a high quality workshop. All accepted papers will be published on IEEE Xplore. The scope of the workshop includes basic theory, methods and algorithms, and applications in the following areas:

Theoretical Topics

- Adaptive systems and signal processing
- Detection and estimation theory
- Machine Learning and Pattern Recognition
- Multivariate statistical analysis
- System identification and calibration
- Monte Carlo methods
- Signal Processing over graphs and networks
- Random matrix theory
- Time-frequency and time-scale analysis
- Compressed sensing
- Optimization
- Point process estimation
- Stochastic filtering

Application Areas

- Bioinformatics and genomics
- Array processing, radar and sonar
- Communication systems and networks
- Sensor networks
- Information forensics and security
- Medical imaging
- Biomedical signal processing
- Preventive, social network analysis
- Smart grids and industrial applications
- Geoscience
- Astrophysics
- New methods, directions and applications

Important Dates

Submission of proposals for special sessions	Nov 30, 2015
Notification of acceptance of special sessions	Dec 09, 2015
Full paper submission deadline	Feb 21, 2016
Notification of acceptance	April 27, 2016
Registration and camera-ready papers	May 08, 2016

Organization

General Chairs:

Antonio Artés-Rodríguez (Universidad Carlos III de Madrid, Spain)

Joaquín Míguez (Universidad Carlos III de Madrid, Spain)

Technical Program Chairs:

Sergios Theodoridis (National and Kapodistrian University of Athens, Greece)

Konstantinos Slavakis (University of Minnesota, USA)

Finance Chair:

Matilde Sánchez-Fernández (Universidad Carlos III de Madrid, Spain)

Special Sessions Chair:

Mónica F. Bugallo (Stony Brook University, USA)

Local Arrangements Chairs:

Guillem Femenias (Universitat de les Illes Balears, Spain)

Felip Riera-Palou (Universitat de les Illes Balears, Spain)

Publications Chair

Pau Closas (CTTC, Spain)