

## Call for paper

### 2015 Workshop on Signal Processing and Machine Learning (SiPML)

Krakow, Poland on November 4-6, 2015,

To be held in conjunction with the main conference *10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing(3PGCIC 2015)*.

Organizer: Dr. Ricardo Rodriguez, Technological University of Ciudad Juarez.

#### AIM & SCOPE

The aim of the workshop is to contribute to the cross-fertilization between the research on Machine Learning (ML) methods and their application to Signal Processing (SP) to initiate collaboration between these areas. ML usually plays an important role in the transition from data storage to decision systems based on large databases of signals such as the obtained from sensor networks, internet services, or communication systems. These systems imply developing both computational solutions and novel models. Signals from real-world systems are usually complex such as speech, music, bio-medical, and multimedia, among others.

#### • Topics

Topics of interest include (but not limited to):

• Learning theory	• Subspace/manifold learning
• Cognitive information processing	• Bayesian and distributed learning
• Neural networks	• Smart Grid, games, social networks
• Classification and pattern recognition	• Computational Intelligence
• Nonlinear signal processing	• Data-driven adaptive systems
• Graphical models and kernel methods	• Data-driven models
• Genomic signals and sequences	• Multimodal data fusion
• Multichannel adaptive signal processing	• Multiset data analysis
• Kernel methods and graphical models	• Perceptual signal processing
• Sparsity-aware learning	• Applications(biomedical signals, biometrix, bioinformatics)

#### • Authors information

Authors are invited to submit full papers not more than eight pages (8) (CPS proceedings manuscripts: two columns, single-spaced), including figures and references, using 10 font size, and number each page. The formatting instructions for authors are available at the following web page:

[http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

Prepare your paper in PDF file and submit it electronically following instructions that can be found at the 3PGCIC-2015 web page:

<http://edas.info/N19841>

Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance.

- **Important dates**

Submission deadline:	July 31, 2015
Notification of Acceptance:	August 25, 2015
Camera-Ready Submission:	September 11, 2015
Author registration:	September 11, 2015
Workshop and main conference dates:	November 4-6, 2015

- **Web links**

Web page of 3PGCIC 2015      <http://www.cs.upc.edu/~net4all/3PGCIC-2015/index.html>

Web page of SiPML:      <http://www.sipml.com.mx/default.html>

- **Contact Information**

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