



## Call for Papers

Machines are playing an ever-increasing role in how we conduct our daily lives and business, and this trend is certainly not expected to slow down any time soon. Intelligent machines and robots penetrate into every corner of our environments, and interlink humans, physical and digital worlds. Key scientific areas include sensing, signal and data processing, and machine learning. These areas are challenging, but exciting ones, and require bringing together several central technologies in a harmonious way. It is therefore not surprising that interest in these areas has surged in recent years, and activities are now very high.

This workshop aims at creating a forum for researchers and engineers from a wide variety of disciplines related to creating intelligent machines and robots. We encourage contributions that will bring state-of-the-art forward, and facilitate an active and constructive exchange of ideas on current areas of interest. The workshop will feature keynote speeches, industrial talks, invited presentations and presentations with full paper submissions, and demos.

## Scope

We invite previously unpublished manuscripts directly targeting areas related to sensing and processing, machine learning and pattern recognition, social and service robots, big data, biometrics and de-identification. The scope includes, but is not limited to:

- Sensing Technology
- Audio and Speech Processing
- Computer Vision and Image Processing
- Signal Processing
- Data Science and Big Data
- Recommender Systems
- Pattern Recognition and Machine Learning
- Deep Learning
- Artificial Intelligence
- Perceptual Models
- Social and Service Robots
- Human-Robot Interaction
- Biometrics, Soft-Biometrics and De-identification
- Privacy Protection

## Paper Submission

Prospective authors are invited to submit original work, in English, with up to 4 pages for technical content including figures and possible references, and with one additional optional 5<sup>th</sup> page containing only references. All accepted papers are expected to be included in IEEE Xplore and will be indexed by EI. Detailed information can be found at <http://spline2016.aau.dk/submissions>. Authors of selected papers will be invited to submit extensions of their work to a special issue of NEUROCOMPUTING (IF: 2.083): *Machine Learning for Non-Gaussian Data Processing*.

## Important Dates

Full-Paper submission deadline.....20 April  
 Paper acceptance notification.....10 May  
 Camera-ready paper submissions and registration deadline for authors.....24 May

### Chair

Zheng-Hua Tan, Aalborg University, DK

### Technical Chairs

Najim Dehak, MIT, USA  
 Jan Larsen, Technical University of Denmark, DK  
 Zhanyu Ma, Beijing University of Posts and Telecommunications, China

### Finance & Local Organising Chair

Børge Lindberg, Aalborg University, DK

### Publicity Chairs

Søren Holdt Jensen, Aalborg University, DK  
 Roger K. Moore, Sheffield University, UK

### Invited Speaker Chairs

John H. L. Hansen, University of Texas at Dallas, USA  
 Isabel Trancoso, INESC ID Lisbon, Portugal

### Industrial Liason Chairs

Jesper Jensen, Oticon, DK  
 Søren Bech, Bang & Olufsen, DK

### Local Arrangement Committee

Nicolai B. Thomsen, Aalborg University, DK  
 Xiaodong Duan, Aalborg University, DK  
 Evgenios Vlachos, Aalborg University, DK

### Organisers

Aalborg University  
 COST Action IC1206



AALBORG UNIVERSITY  
DENMARK

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IC1206



De-identification  
for privacy protection  
in multimedia content.

Thomas B. Thriges Fond

