SPLINE 2016
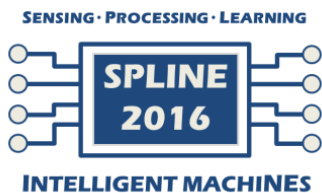
International Workshop on Sensing, Processing and Learning for Intelligent Machines
July 6 - 8, 2016   Aalborg, Denmark   http://spline2016.aau.dk

SENSING · PROCESSING · LEARNING
SPLINE 2016
INTELLIGENT MACHINES

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Organisers
Aalborg University
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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We invite previously unpublished manuscripts directly targeting the following areas: sensing and processing, machine learning and pattern recognition, social and service robots, big data,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

The proceedings of the workshop will be published by a renowned publisher. 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……………………………………………………………………………………8 April
Paper acceptance notification……………………………………………………………………………………2 May
Camera-ready paper submissions and registration deadline for authors…………………………15 May

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