

**Special Session on  
Data Analytics-Mining: Crisp and Fuzzy Approaches  
for Intelligent Processing and Knowledge Extraction  
(DAM: CFA-IPKE)**

at

**18th International Conference on Intelligent Systems Design and Its Applications  
(ISDA18) School of Information Technology, Vellore Institute of Technology,  
Vellore December 06-08, 2018  
<http://www.mirlabs.net/isda18/>**

### **Introduction**

This special session goals to gather contemporary ideas from both academy and industry researchers about machine learning and, more specifically, on Data Analytics-Mining. Nowadays, Data Analytics and Mining are trend issues regarding both the Intelligent Process and Knowledge Extraction from raw data following either a crisp or fuzzy perspective. Therefore, the presentation of works tackling theoretical issues and applications is welcomed.

### **Themes**

The topics of interest for this session include, but are not limited to:

- Big Data.
- Bio-Inspired Computation.
- Complex and Biological Inspired Systems.
- Computational Intelligence.
- Data Dimensionality Reduction.
- Data Mining.
- Deep Learning.
- Hybrid Intelligent Systems.
- Massive Data.
- Non-stationary Data Processing.
- Pattern recognition.
- Theories and Applications of Neural Networks.

### **Important Dates**

Paper submission due: September 30, 2018

Notification of paper acceptance: October 15, 2018

Registration and Final manuscript due: November 05, 2018

Conference: December 06-08, 2018

### **Special Session Chairs**

- Antonio J. Tallón-Ballesteros (University of Seville, Spain) [atallon@us.es](mailto:atallon@us.es)
- Simon James Fong (University of Macau, China) [ccfong@umac.mo](mailto:ccfong@umac.mo)
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