

ILAS 2017

Special Session on Intelligent Learning and Analysis Systems for Unstructured Uncertain Big Data

at the 9th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017)

Kanazawa, Japan, April 3-5, 2017

Conference website: <http://www.aciids.pwr.edu.pl/>

Special Session Organizers

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Objectives and topics

With more and more data available for analysis and decision making - from web documents and digital media to sensory data from cameras, microphones, and ubiquitous devices - it becomes increasingly more important to understand how such large volumes of data can be analysed by computers and used as the basis for new intelligent services, for decision making, and for making computers learn from experience. In companies around the world, from retail and banks all the way to Google, intelligent learning and analysis techniques are used to improve business decisions. Likewise, in science, important discoveries are made easier by automated learning methods, and games and other artifacts are being made adaptive with learning technology. Within the intelligent systems track of the intelligent learning and analysis systems are one of the two major research area. This track (Machine Learning) is one of the two special session track that are offered as an introduction for machine learning to Intelligent Learning and Analysis Systems for Unstructured Uncertain Big Data. The other is the Unstructured Uncertain Big Data Analysis track covered. Both tracks can be selected in either order, and you may choose to submit one or both of them. For a complete introduction to the research area, it is recommended to follow below list of the ILAS 2017 includes, but is not limited to the following topics:

- General approaches to the use of big data in business intelligence application
- Big data and its semantic feature
- Privacy and Compliance Challenges Content Management Data Mining & Ontology Data Optimization
- Big Data Business Cloud Models
- Business Rule Semantics and Uncertain source of Big Data
- Domain-specific Unstructured Big Data Analytics
- Rule Mining from Big Data
- Model Discovery from Big Data
- Physical Data Organization for Big Data

- Predictive Modelling for Big Data
- Privacy Issues in Big Data Analytics
- Scalability and Performance issues for Big Data
- Security, privacy and legal issues in business/enterprise specific to Big Data
- Semantics and Uncertain Unstructured Big Data
- Topic Modelling for Big Data
- Unstructured and Semi-Structured Data Mining
- Data Models for Big Data Analytics
- Index Structures for Big Data Analytics
- Interaction Design for Exploratory Big Data Analytics
- Machine Learning techniques for Big Data
- Managing and benefiting from massive and growing amounts of data,
- Handling data uncertainty,
- Handling unstructured data, and
- Exploiting big data in a timely and cost - effective fashion.
- Uncertain Unstructured Big Data Analytics as a Service
- Architectural Design for Uncertain Unstructured Big Data
- Uncertain Unstructured Big Data Governance
- Conceptual/cognitive/programming Models for Uncertain Unstructured Big data analytics
- Clustering of Uncertain Unstructured Big Data
- Uncertain Unstructured Data Fusion and Multi Modal Analytics
- Data Models for Uncertain Unstructured Big Data Analytics
- Domain-specific Uncertain Unstructured Big Data Analytics
- Index Structures for Uncertain Unstructured Big Data Analytics
- Interaction Design for Exploratory Uncertain Unstructured Big Data Analytics
- Machine Learning techniques for Uncertain Unstructured Big Data
- Large-scale recommendation systems and graph analysis for Uncertain Unstructured Big Data
- Model Discovery from Uncertain Unstructured Big Data
- Physical Data Organization for Uncertain Unstructured Big Data
- Predictive Modelling for Uncertain Unstructured Big Data
- Privacy Issues in Uncertain Unstructured Big Data Analytics
- Rule Mining from Uncertain Unstructured Big Data
- Scalability and Performance issues for Uncertain Unstructured Big Data
- Security, privacy and legal issues specific to Uncertain Unstructured Big Data
- Semantics and Uncertain Unstructured Big Data
- Topic Modelling for Uncertain Unstructured Big Data
- Unstructured and Semi-Structured Data Mining
- Visual Analytics for Uncertain Unstructured Big Data, etc.

Important dates

Submission of papers: **31 October 2016 (Hard deadline!!!)**

Notification of acceptance: **1 December 2016**

Camera-ready papers: **15 December 2016**

Registration & payment: **15 December 2016**

Conference date: **3-5 April 2017**

Program Committee (to be invited)

Vassili Kolokoltsov, University of Warwick, UK
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Sanjay Singh, Dell Services, Dublin, Ireland

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: ***ILAS 2017: Special Session on Intelligent Learning and Analysis Systems for Unstructured Uncertain Big Data.***

<https://easychair.org/conferences/?conf=aciids2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ILAS 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, DBLP, Google Scholar, Scopus, etc.).