Special Session

on

Recent trends in Machine Learning for Data Science and Analytics

at

10th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2019)
GIET University, Odisha, India December 16-18, 2019

http://www.mirlabs.net/ibica19/

Objectives and Scope

Machine learning, Data science and data analytics are growing at an exponential rate and companies are now looking for professionals who can sift through the goldmine of data and help them in intelligent decision making process. Recently, deep learning has been one of the most exciting subfields within machine learning. The computational abilities are developing in tandem with recent developments in machine learning algorithms and the increasing amounts of data thereto. Now, for neural network applications, there is a shift from CPUs to TPUs, and the cloud service providers are constantly improving their services by offering Machine Learning as a Service, MLaaS. Today's organization with huge data can begin with some traditional to advanced data analytics in order to fulfill their business goals. This finds most appropriate for the big data environment as a part of Business Intelligence such as: data mining and forecasting, Sales forecasting, Client Retention, Fraud Prevention, social network etc.

We invite high quality contributions from all research areas that address the emerging data challenges, analysis and applications. Several topics of interest include, but are not limited to, the following:

- Data Mining and Knowledge Discovery
- Artificial Intelligence
- Information Storage and Retrieval
- Statistics for Engineering, Physics, Computer Science, Chemistry, Social Science and Earth Sciences
- High Performance Computing
- Machine Learning Techniques

- Data Visualization
- Data Warehousing
- Multimedia Data
- Uncertainty Management
- Metrics of Interestingness
- Deep Learning
- Big Data Analytics
- Social network analysis
- Internet of Things
- Multi-objective optimization
- Natural Language Processing
- Intrusion detection

Paper Publications All accepted and registered papers will be published in AISC Series of Springer, indexed in ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.

Important Dates

Paper submission due: September 01, 2019

Notification of paper acceptance: October 15, 2019

Registration and Final manuscript due: October 30, 2019

Conference: December 16 - 18, 2019

Special Session Chairs

Dr. Mrutyunjaya Panda, Utkal University, Bhubaneswar, India

Prof. (Dr.) Manas Ranjan Patra, Berhampur University, Berhampur, India

Prof. (Dr.) B. K. Tripathy, VIT University, Vellore, India

Contact: Dr. Mrutyunajya Panda

Mobile: 09437338270

Email id: mrutyunjayapanda@yahoo.in