



SPECIAL SESSION ON

Machine Learning Application and Innovation (MALAI '20)

Session Organizers:

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CALL FOR PAPERS

Artificial intelligence (AI) is used to describe many technologies and applications. Generally, the term describes computer systems that replicate human intelligence. AI systems are in their beginning, but technology promises to change almost every aspect of our lives in the coming decades. Machine learning will drive most of the changes we will see in the next few years. The fundamental change at the use of ML is the transition from a human command-driven tool to a machine inference engine that applies logical rules to a dataset to infer new information. This change is extremely important because it results in software being increasingly able to develop and refine their own instructions to perform tasks without the limiting factor of a human being to provide decisions. Indeed, the limitations of traditional application design are beginning to be affected, and new applications can be met. The aim of this session is to review the concept of applications designing as an open innovation strategy and address the importance of them in revolutionizing knowledge towards applications sustainability. The main objective is to discuss why the concept of ML has become increasingly important and presents some of the top key applications and technologies to implement intelligent systems. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of ML applications and innovation are cordially invited for presentation. Suggested topics include, but are not limited to, the following:

- Agent and Multi-Agent Systems
- Artificial Neural Networks
- Machine learning Models
- Clinical decision support
- Collective Computational Intelligence
- Image Analysis
- Computational Intelligence
- Computer Vision
- Data Mining and Information Retrieval
- Deep Learning and Big Data Analytics
- Crowdsourcing systems and application
- Social media analytics
- Medical Informatics and Biomedical
- Methodologies for innovations to handle Big Data
- Big data analytics in business applications
- Convolutional Neural Networks

SUBMISSION: Authors are encouraged to submit papers to no more than eight (8) pages one column including results, figures and references. All papers must be written in English and should describe original work. Please follow the ICISP website link: <http://www.icisp-conf.org/submission.html>

DEADLINES: Submission Deadline: **January 31th, 2020**

Notification of acceptance: **March 5th, 2020**