

**ICICC-2020**  
**International Conference on Innovative Computing and  
Communication**  
Organized by ShaheedSukhdev College of Business Studies, New Delhi, India  
On 21-23<sup>rd</sup> Feb 2020.

\*\*\*\*\* **CALL FOR PAPERS** \*\*\*\*\*

**SPECIAL SESSION ON**

**Applications in the fields of Machine learning and deep learning (MLDL)**

**SESSION ORGANIZERS:**

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**EDITORIAL BOARD: (Optional)**

TBD

**SESSION DESCRIPTION:**

The special session provides an excellent international forum for sharing knowledge and results in theory, methodology and applications of Machine Learning and deep learning for developing predictive models for different engineering applications. Machine Learning models are efficient for handling complex prediction models due to their outstanding performance in handling large scale data sets with uniform characteristics and noisy data. Topics of interest include building predictive models using Machine Learning to solve specific engineering problems such as regression and classification problems. Deep learning (DL) has recently gained a lot of attention as superior method in solving challenging problems in machine learning. Many computer vision problems have been successfully tackled by DL algorithms. Recently, researchers have started to apply DL to image reconstruction for various modalities.

Contributions are expected to present original research on deep learning and machine learning with real world applications. This special session aims at bringing together researchers working in this field. By discussing the trade-offs between the data-driven approach of DL and the traditional model-driven reconstruction algorithms, we hope that we will improve our understanding of strengths and weaknesses of DL algorithms in image reconstruction.

**RECOMMENDED TOPICS:**

Topics to be discussed in this special session include (but are not limited to) the following:

- Clustering
- Decision Support
- Support Vector Machine

- Time Series
- Decision Trees
- Lazy Learning
- Classification
- Recommender Systems
- Expert Systems
- Artificial Neural Networks
- Evolutionary Algorithms
- Ranking Algorithms
- Cognitive Processes
- Evolutionary Computing
- Swarm Intelligence
- Markov Model
- Chaos Theory
- Multi-Valued Logic
- Ensemble Techniques
- Hybrid Intelligent Models
- Reasoning Models

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **Applications in the fields of Machine learning and deep learning (MLDL) on or before 1<sup>st</sup> December 2019**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icicc-conf.com/paper\\_submission.html](http://icicc-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **Applications in the fields of Machine learning and deep learning (MLDL)** at the top (above paper title) of the first page of your paper.

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