

ICICC-2021
International Conference on Innovative Computing and
Communication
Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India
On 20-21 Feb 2021.

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

SPECIAL SESSION ON
Machine Learning and Big Data Analytics for Healthcare

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Artificial Intelligence (AI) and Machine Learning (ML) are redefining the way businesses operate, across various industries worldwide. With the advent of machine learning, businesses are realizing that they can now process and make use of all the data, which they have accumulated over the years. This processed data can now be analyzed and the inferences derived can be used to make intelligent and informed business decisions. Therefore, Healthcare is also actively using machine learning and big data to provide accurate diagnosis and offer superior medical treatments. The common challenges in health informatics and efforts in related directions will be appreciated. This special session will not only focus on recent trends and developments at globally competitive environment but will also provide future directions to practitioners, engineers, students and researchers working on medical imaging and health informatics. It covers all aspects related to artificial intelligence, soft computing techniques, deep learning and machine learning techniques for medical image diagnosis. This special session welcomes unpublished research articles from researchers in academia and industry such as students, engineers, research scholars and scientists. This special session presents original research and technological development for addressing real and complex issues related to society and technology.

RECOMMENDED TOPICS:

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

1. Medical image processing for disease detection and prediction

2. Machine learning in disease detection
3. Deep learning in disease detection and prediction
4. Medical signal and image processing based computer-aided diagnosis systems
5. Image-guided therapy, treatment monitoring and planning
6. Data mining techniques for Image Analysis
7. Ultrasonic acquisition and processing
8. Semantic segmentation of medical images
9. MRI, CT modalities for various cancer progressions.
10. Image processing and analysis
11. Imaging for precision medicine
12. Quantitative imaging

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Machine Learning and Big Data Analytics for Healthcare** on or before **30th October, 2020**. 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. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **Machine Learning and Big Data Analytics for Healthcare** at the top (above paper title) of the first page of your paper.

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