Special Session on
Global Evolution of Artificial Intelligence and Machine Learning in Smart Healthcare Systems
at
13ᵗʰ International Conference on Soft Computing and Pattern Recognition (SoCPaR)

On
World Wide Web
December 15-17, 2021

http://www.mirlabs.net/socpar21/

Objectives and Scope

Now a days, researchers and health professionals are paying attention to artificial intelligence (AI) and Machine Learning (ML) for healthcare and medicines. Due to the rapid development of AI & ML, has been applied in various technical fields and the health section is one of them. These technologies help to improve the analysis process and treatment outcomes and, consequently, increase the efficacy of the overall healthcare industry while comparing to the traditional process.
Considering the current situation of Heath care efficient AI integrated systems have become the need of the hour to gain unprecedented insights into diagnostics, care processes, treatment variability, and patient outcomes. Thus, transforming the health care industry to leverage technology to deploy more precise, efficient, and impactful interventions at exactly the right moment in a patient's care.

For these aforementioned reasons, this special session focuses on high-quality original papers related to the following topics, including but not limited to:

- Patient Risk Stratification
- Brain Imagining Technologies
- Time Series Analysis with Medical Applications
- Digital Healthcare Systems
- Medical Imaging with Machine Learning
- Big Data Analytics and Intelligence
- Biomedical Instrumentation
- Healthcare Mobile and Web Applications & Telemedicine
- Machine Learning that supports with evidence-based Medicine
- Machine Learning in Drug Discovery
- Recommendation system for Intelligent Healthcare

Paper Publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago) https://www.springer.com/series/15179
- Papers maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324

Important Dates

Paper submission due: September 30, 2021
Notification of paper acceptance: October 31, 2021
Registration and Final manuscript due: November 15, 2021
Conference: December 15-17, 2021

Special Session Chair

- Dr. Amit Kumar Mishra, Associate Professor & Head-IT, School of Computing, DIT University, Dehradun, Uttarakhand, India

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