

Special Session on
Artificial Intelligence and Machine Learning in Smart Healthcare Management
Systems
at
The International Conference on Intelligent Systems Design and Applications
(ISDA)
On
World Wide Web
December 12-14, 2022
<http://mirlabs.org/isda22/>

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 Health 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 and its management. 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.

Subtopics

The topics include, but are not limited to:

- Clinical Decision Support Systems
- Health Claim Management
- Data Mining in Healthcare Industry
- Brain Imaging 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
- Datamining in Healthcare Information Systems

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, 2022

Notification of paper acceptance: October 31, 2022

Registration and Final manuscript due: November 10, 2022

Conference: December 12-14, 2022

Special Session Chair:

- Amit Kumar Mishra, School of Computing, DIT University, Dehradun, Uttarakhand, India
- Esra Sipahi Dongul, Social Work Aksaray University, Aksaray, Turkey

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