Application of IoT, AI, and Deep Learning in Smart Healthcare

in conjunction with

23ʳᵈ International Conference on Intelligent Systems Design and Applications (ISDA)

December 11-13, 2023

Website: http://www.mirlabs.org/isda2023

Hybrid Mode – Online & Offline

Onsite Venues: http://mirlabs.org/isda23/venue2.php

Objectives and Scope

The objective of this special session is to explore the transformative potential of the Internet of Things (IoT), Artificial Intelligence (AI), and Deep Learning in the context of smart healthcare. This session aims to bring together researchers, practitioners, and industry experts to discuss the latest advancements, challenges, and future directions in leveraging these technologies to enhance healthcare delivery, improve patient outcomes, and drive innovation in the field. This special session will provide a platform for researchers and professionals to present their work, exchange ideas, and foster collaborations in the domain of IoT, AI, and Deep Learning in smart healthcare. We welcome submissions of original research, case studies, and innovative applications that address the challenges and opportunities in leveraging these technologies to revolutionize healthcare delivery and improve patient care.

Subtopics

The topics include, but are not limited to:

- IoT-enabled healthcare systems and application
- AI-powered diagnostic systems and decision support
- IoT and AI for patient-centric healthcare
- Data analytics and privacy in smart healthcare
- Challenges and future directions

Paper publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (https://www.springer.com/series/15179)
- Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago
- 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
- Submission Link: http://www.mirlabs.org/isda23/submission.php

Important Dates

Paper submission due: **September 30, 2023**
Notification of paper acceptance: **October 31, 2023**
Registration and Final manuscript due: **November 10, 2023**
Conference Date: **December 13-15, 2023**

Special Session Chairs

- **Aryan Chaudhary**, Chief Scientific Advisor, Bio-Tech Sphere Research, India
- **Dr. Raman Chadha**, Chandigarh University, India
- **Mohit Angurala**, Apex Institute of Technology, Chandigarh University, India

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