

Call for paper-special session

Applications in Healthcare 4.0

Session chairs:

Pr. Raja Abouaich & Pr. Youssef Lamrani (EMI, Rabat, Morocco)

The aim of this special session is to highlight the potential uses and challenges of Artificial intelligence and Machine learning, Internet of things (IoT) and Blockchain technology in the context of healthcare. As data continues to grow exponentially and computational power increases, these advanced techniques offer immense potential for transforming healthcare delivery and decision-making processes.

Through insightful presentations, case studies, and interactive discussions, participants will gain valuable knowledge on leveraging these cutting-edge technologies to improve patient outcomes and decision-making in various healthcare domains.

Key topics to be covered include:

- 1- Predictive Analytics in healthcare
- 2- Image and Signal analysis using Deep Learning algorithms
- 3- Clinical Decision Support Systems
- 4- Internet of Medical Things (IoMT) and blockchain
- 5- Cybersecurity and Data Privacy
- 6- Digital Transformation

Keywords:

Precision medicine, AI, Machine learning, Deep learning, IoT, Blockchain Technology, Fuzzy Logic,...