

## Call For Papers

# Invited Session Artificial Intelligence in Medicine and Healthcare

In order to get high quality papers, we invite you to submit paper to Invited Session on Artificial Intelligence in Medicine and Healthcare in International Conference on Machine Learning and Cybernetics (ICMLC) 2024.

### Description

This session will delve into the utilization of artificial intelligence (AI) within the realm of medicine and healthcare. We will explore cutting-edge research findings and real-world examples showcasing how AI technology is transforming healthcare practices. From medical imaging analysis and disease prediction to personalized healthcare solutions, we will examine the multifaceted applications of AI in revolutionizing the delivery and management of healthcare services.

### Topics of Interest

- Tooth recognition in dental X-ray images
- Computer aided diagnosis for urology
- Image interpretation support for obstetrics
- Predictive medicine in the cardiovascular system
- Differentiation of dementia using brain MRI
- Hospital bed tube monitoring system
- Automatic alignment measurement for chiropractic

### Important Dates

Submission Due:	5 July 2024
Notification of Acceptance:	20 July 2024
Registration Due:	20 August 2024
Camera-Ready:	20 August 2024

### Paper Submission

Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Organizer ([dai\\_fujita@eng.u-hyogo.ac.jp](mailto:dai_fujita@eng.u-hyogo.ac.jp)).

### Organizer

**Dr. Daisuke FUJITA**  
University of Hyogo, Japan  
([dai\\_fujita@eng.u-hyogo.ac.jp](mailto:dai_fujita@eng.u-hyogo.ac.jp))