ICDAM-2025
6th International Conference on Data Analysis and Management

Organized by London Metropolitan University, London, UK (Venue Partner)
in association with
WSG University, Bydgoszcz, Poland, Europe
&
Portalegre Polytechnic University, Portugal, Europe
&
BPIT, GGSIPU, Delhi
Date: 13th - 14th June 2025

************** CALL FOR PAPERS ***************

SPECIAL SESSION ON
COMPUTATIONAL INTELLIGENCE IN DISEASE DIAGNOSIS, PREDICTION, AND PREVENTION

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session aims to bring together researchers, academicians, and professionals from the interdisciplinary field of computational intelligence, healthcare, and data science to explore innovative approaches, methodologies, and applications for advancing disease diagnosis, prediction, and prevention. The session will focus on integrating computational intelligence techniques, such as machine learning, artificial intelligence, and data analytics, into healthcare systems to enhance disease-related decision-making processes' accuracy, efficiency, and effectiveness.

This special session aims to provide a platform for researchers and professionals to share their insights, latest research findings, and experiences applying computational intelligence in the healthcare domain. This will ultimately contribute to advancing disease diagnosis, prediction, and prevention.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- AI in Early Disease Detection
- Predictive Modeling for Chronic Diseases
- AI-Powered Diagnostic Tools
- Real-Time Health Monitoring
- Personalized Preventive Healthcare
- Natural Language Processing in Medical Records
- AI and Global Health Equity
- Ethical and Regulatory Challenges in AI Healthcare
- AI in Infectious Disease Prediction and Control
- Future Trends and Innovations in AI-Driven Healthcare
- Generative Adversarial Networks in medical data analysis
- Mathematical modeling of electronic health record diagnosis

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[INSERT SESSION NAME on or before INSERT DATE] .** All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://icdam-conf.com/downloads . All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify **[Computational Intelligence In Disease Diagnosis, Prediction, and Prevention]** at the top (above paper title) of the first page of your paper.

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