

# ICDAM-2023

## 4<sup>th</sup> International Conference on Data Analysis and Management

*Organized by London Metropolitan University, London, UK (Venue Partner)  
in association with  
The Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe  
&  
Politécnico de Portalegre, Portugal, Europe  
&  
BPIT, GGSIPU, Delhi  
Date: 23rd - 24th June 2023*

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

### SPECIAL SESSION ON

**Applied Cognitive Informatics and Cognitive Computing on Data Management**

### SESSION ORGANIZERS:

Prof. Dr. S. Gokuldev, Department of IT, Rathinam College of Arts & Science, Coimbatore, India, gokuldevs@gmail.com

Prof. V. Kanimozhi, Department of IT, Rathinam College of Arts & Science, Coimbatore, India, kanivenu90@gmail.com

Prof. Dr. B Saravana Balaji, Department of IT, College of Engineering & Computer Science, Lebanese French University, Erbil, Iraq, saravanabalaji.b@lfu.edu.krd

### EDITORIAL BOARD: (Optional)

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### SESSION DESCRIPTION:

Cognitive computing systems use computerized models to simulate the human cognition process to find solutions in complex situations where the answers may be ambiguous and uncertain. The primary goal of this conference is to provide a platform for researchers, scientists, industry experts and scholars to share their novel ideas and research results on the application of human

cognition models in various practical computing applications. Through this conference, we would like to discuss the ongoing innovations, applications and solutions to challenging problems of engineering human brain processes, learning mechanisms and decision-making processes.

#### **RECOMMENDED TOPICS:**

Cognitive inferential systems  
Cognitive improvement in deep learning networks  
Fuzzy Engineering  
Application of Information Theory in Machine Intelligence  
Cognitive Modeling  
Visualization and Analytics of Big Data  
Mathematical modeling of Big Data and Artificial Intelligence  
Knowledge Representation and Classification Systems  
Agent Based Modeling in Machine Learning Systems  
Cognition in Genetic and Evolutionary algorithms for learning and decision making  
Cognitive Feature Extraction  
Statistical and Knowledge based Methods  
Data analytics and Visualization  
Hybrid Intelligent Systems  
Computer Vision and Speech Understanding  
Natural Language Processing  
Heuristic and AI Planning Strategies and Tools  
Web Intelligence & Semantics Pattern recognition

#### **SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **[Applied Cognitive Informatics and Cognitive Computing on Data Management]** *on or before [31<sup>ST</sup> March]*. 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 **[Applied Cognitive Informatics and Cognitive Computing on Data Management]** at the top (above paper title) of the first page of your paper.

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