ICDAM-2024
5th 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: 14th - 15th June 2024

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

SPECIAL SESSION ON

Data-Driven Futures: Exploring the Next Wave of Data Science Innovations

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session is dedicated to the ever-evolving field of Data Science, focusing on contemporary research, emerging trends, and practical challenges in the age of big data. As data becomes increasingly central to decision-making in various sectors, the importance of sophisticated data analysis and interpretation grows. This session invites data scientists, researchers, and industry professionals to share their insights and breakthroughs in handling, processing, and extracting valuable insights from complex and voluminous datasets. Discussions will span from advanced analytical techniques to innovative applications in diverse domains. The session aims to provide a platform for exchanging ideas on the latest advancements in data science, exploring new tools and methodologies, and discussing future directions and potential impacts of this rapidly advancing field.

This session is designed to reflect the dynamic nature of data science, providing insights into both current practices and future possibilities, and fostering a deeper understanding of how data science continues to transform the world around us.

RECOMMENDED TOPICS:

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

- Machine Learning and Predictive Analytics: Advanced techniques and applications in predictive modeling and deep and machine learning in data science.
- Statistical Methods for Data Analysis: Exploring the latest developments in statistical methodologies applied in data science.
- Big Data Processing and Management: Strategies and tools for effective big data handling, storage, and processing.
- Data Visualization and Interactive Data Exploration: Innovative approaches to visualizing complex data sets for better understanding and insight.
- Natural Language Processing in Data Science: Utilizing NLP for data extraction, sentiment analysis, and text mining.
- Data Science for Social Good: Applying data science to address societal challenges, from environmental issues to public health.
- Future Trends in Data Science: Exploring emerging technologies and trends that will shape the future of data science, including quantum computing and edge analytics.

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Data-Driven Futures: Exploring the Next Wave of Data Science Innovations**. 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 **Data-Driven Futures: Exploring the Next Wave of Data Science Innovations** at the top (above paper title) of the first page of your paper.

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