


ICDMIS 2024

**International Conference on Data Mining and Information Security
(ICDMIS 2024)**

*Organized by
Eminent College of Management and Technology (ECMT)*

Technically Sponsored by:
Scientific Innovation Research Group (SIRG), Egypt
Scientific Research Group in Egypt (SRGE), Egypt
SETIT Research Lab. Sfax University –Tunisia
CI2S lab, Argentina

Date: 7th – 8th October, 2024 (Hybrid Mode)

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

SPECIAL SESSION

Deep Learning Applications and Challenges in Big Data Analytics

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

This special session aims to discuss the journey of deep learning and big data analytics, applications and challenges of deep learning in big data analytics, computer vision, transfer learning, security challenges, big data with IoT applications, deep learning with data mining applications. This session focuses to highlight the innovative ideas by the research scholars and academics on the latest topics. We expect a high-quality original research ideas and articles related to deep learning, big data analytics, data mining, security challenges and neural networks.

RECOMMENDED TOPICS:

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

- Introduction to Deep Learning and Big Data Analytics
- Applications of Deep Learning
- Deep Learning Architectures for Big Data Processing
- Deep Learning Techniques in Big Data Analytics
- Integration of Deep Learning and Big Data
- Neural Network Models in Big Data Analytics
- Deep Learning in Big Data Analytics
- Explainability of Deep Learning Models
- Deep Learning techniques in data mining applications
- Security challenges in Deep Learning for Big Data
- Transfer Learning
- Deep Learning in Healthcare
- Big Data with intelligent IoT
- Distributed Systems in medical and healthcare services
- Deep Learning based Computer vision on image datasets
- Deep Learning based Decision Making

PUBLICATION AND SUBMISSION PROCEDURE

The conference aims at carrying out double-blind review process. The papers submitted by the authors will be assessed based on their technical suitability, the scope of work, plagiarism, novelty, clarity, completeness, relevance, significance, and research contribution. The conference proceedings will be published in **Springer LNNS Series (Scopus)**.

Submission Link: <https://cmt3.research.microsoft.com/ICDMIS2024>

Submission Deadline: 30th June, 2024

NOTE: While submitting the paper in this special session, please specify [Deep Learning Applications and Challenges in Big Data Analytics] at the top (above paper title) of the first page of your paper.

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