


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

Unlocking the Potential of 6G: Security and Optimization through Data Mining

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

This session will explore the exciting intersection of data mining and information security in the context of next-generation 6G networks. We will delve into how data mining can be leveraged to optimize network performance, ensure security at ultra-high speeds, and unlock the potential of emerging 6G applications. Experts will discuss topics ranging from AI-powered anomaly detection and privacy-preserving data mining to scalable techniques for managing massive 6G datasets. The session will also examine the role of data mining in building smart

cities, revolutionizing telemedicine, and securing the future of the meta-verse. Join us for a thought-provoking discussion on how data mining can shape a secure and intelligent 6G future.

RECOMMENDED TOPICS:

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

- Optimizing the wireless Network: Data Mining for Enhanced Performance
- High-Speed Security: Data Mining and Threat Detection in 6G Networks
- Data-Driven Smart Cities: Utilizing Data Mining for 6G-Enabled Infrastructure
- Balancing Security and Privacy: Data Mining in a 6G Hyper connected World
- Scalable Data Mining for 6G: Managing the Surge of Network Data
- Intelligent Wireless Networks: Data Mining for Network Automation and Self-Optimization
- Building Trust: Explainable Data Mining for Transparent Decision-Making in 6G
- Blockchain-Powered Data Mining: Secure Information Sharing in Decentralized 6G Networks
- Mining the Meta-verse: Secure and Personalized Experiences with Data Mining

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 [Unlocking the Potential of 6G: Security and Optimization through Data Mining] at the top (above paper title) of the first page of your paper.

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