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

Insights of Data Mining and Information Security in Computer Systems

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session delves into the critical juncture of data mining and information security within computer systems. As organizations increasingly rely on data-driven decision-making processes, the need to safeguard sensitive information becomes paramount. This session invites researchers and practitioners to share insights, methodologies, and advancements in leveraging data mining techniques for

enhancing information security protocols. Topics may include anomaly detection, threat intelligence, privacy-preserving data mining, and the integration of machine learning for proactive defense mechanisms. Join us to explore innovative approaches in securing insights amidst evolving cybersecurity challenges.
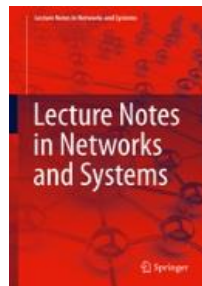
RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:
- Anomaly detection techniques
- Privacy-preserving data mining methods
- Threat intelligence analysis and its applications
- Machine learning approaches for proactive defense mechanisms
- Integration of data mining and cybersecurity for threat prediction and prevention
- Big data analytics for identifying patterns of cyber threats
- Network traffic analysis
- Intrusion detection systems
- Secure data sharing and collaboration in distributed systems
- Cryptographic techniques for securing data in data mining applications
- Ethical considerations in 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)**.

Submission Link: **https://cmt3.research.microsoft.com/ICDMIS2024**

Submission Deadline: 30th June, 2024

PLAGIARISM POLICY
The paper prior to submission should be checked for plagiarism from licensed plagiarism softwares like Turnitin/iAuthenticate etc. **The similarity content should not exceed 20%** (in any case either self-contents or others). Further, you have to strictly implement the following ethical guidelines for publication:

NOTE: While submitting the paper in this special session, please specify [Insights of Data Mining and Information Security in Computer Systems] at the top (above paper title) of the first page of your paper.

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