


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

Exploring Generative AI for Big Data Analytics Applications

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

Using generative AI for big data analytics applications can yield fascinating insights and generate synthetic data that mirrors real-world datasets. Applications include data augmentation, anomaly detection, predictive modeling, and scenario planning. Generative models like GANs (Generative Adversarial Networks) and VAEs (Variational Autoencoders) are particularly useful for creating realistic data samples, enhancing training data diversity, and simulating various scenarios for analysis. However, it's crucial to ensure ethical considerations, data

privacy, and the fidelity of generated data when deploying such techniques in real-world applications. The special session invites submission of original research work in the field of Generative AI.

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 [Exploring Generative AI for Big Data Analytics Applications] at the top (above paper title) of the first page of your paper.

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