

  
**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: 7<sup>th</sup> – 8<sup>th</sup> October, 2024 (Hybrid Mode)**

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

**SPECIAL SESSION**

**Edge of Innovation: Empowering Autonomous Systems through Enhanced Computing with AI  
and Deep Learning Techniques**

**SESSION ORGANIZERS:**



**Dr. Sumit Kumar Mishra**  
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**SESSION DESCRIPTION:**

The aim of this research is to leverage advanced deep learning techniques to enhance the capabilities of Autonomous systems by improving their computing capabilities. The goal is to empower Computer systems with sophisticated computational methods, thereby optimizing their performance, efficiency, and overall functionality. The aim of this research is to push the boundaries of innovation in autonomous systems, enabling them to operate more efficiently, intelligently, and safely in diverse and complex environments through the integration of

AI and deep learning advancements.

### RECOMMENDED TOPICS:

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

- IoT Optimization
- AI in Security 3
- Deep Learning Integration
- Computational Efficiency
- Real-time Processing
- Predictive Modeling
- Security in IoT
- Anomaly Detection In lot
- Edge Computing
- Interdisciplinary Collaboration With lot
- Multi agents systems
- Semantic Web
- Ethical Considerations In lot 1
- Data Privacy
- Transparent Computing
- On-device Processing
- Bandwidth Utilization
- IoT Applications , Case Studies & Future Trends in IoT
- AutoML (Automated Machine Learning)
- AI in Healthcare
- Natural Language Processing (NLP)
- Blockchain Based innovative model

### 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: **30<sup>th</sup> June, 2024**

**NOTE: While submitting the paper in this special session, please specify Edge of Innovation: Empowering Autonomous Systems through Enhanced Computing with AI and Deep Learning Techniques] at the top (above paper title) of the first page of your paper.**

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