

ISMS-2025

8th International Conference on Information Systems and Management Science

Hybrid Mode (In-Person & Virtual)

December 05-07, 2025

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

(<https://isms2025.iaasse.org/call-for-papers.html>)

SPECIAL SESSION

Data Science Advancements in Securing Information Systems (DSA-SIS)



Scopus®

SESSION ORGANIZER:

Dr. Thangavel Murugan,

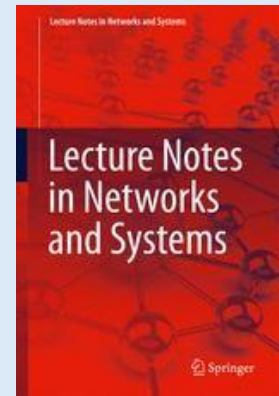
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SESSION DESCRIPTION:

The "Data Science Advancements in Securing Information Systems" session at our conference will delve into the transformative impact of Data Science (DS) on Information Systems (IS). Attendees will discover how DS enhances various industries through innovations like improved intrusion detection, Federated Learning, and Edge Computing. Esteemed experts will share insights on Cyber Threat Intelligence, Data Encryption, Secure Data Management, and Phishing Detection. The session will also explore Anomaly Detection with Machine Learning, Blockchain, and Decentralized Security in DS-IS environments. This event is designed for researchers, industry professionals, and technology enthusiasts seeking to optimize productivity and harness the potential of DS in IS. Join us!

RECOMMENDED TOPICS:

Data Science Advancements in Securing Information Systems impact in (not limited to),

- | | | |
|--------------------------------|-------------------------------------|----------------------------------|
| ✦ Data Science Advancements | ✦ Risk Assessment | ✦ Data Breach Prevention |
| ✦ Securing Information Systems | ✦ Intrusion Detection | ✦ Security Governance |
| ✦ Cybersecurity | ✦ Security Analytics | ✦ Forensic Analysis |
| ✦ Data Protection | ✦ Behavioral Analytics | ✦ Privacy Compliance |
| ✦ Machine Learning | ✦ Fraud Detection | ✦ Data Security Policies |
| ✦ Artificial Intelligence | ✦ Vulnerability Management | ✦ Secure Coding Practices |
| ✦ Information Security | ✦ Access Control | ✦ Identity and Access Management |
| ✦ Big Data | ✦ Blockchain Security | ✦ Security Awareness Training |
| ✦ Predictive Analytics | ✦ Cloud Security | ✦ Adaptive Security |
| ✦ Threat Detection | ✦ Internet of Things (IoT) Security | ✦ Security Orchestration |
| ✦ Data Encryption | ✦ Security Operations | ✦ Secure Communication |
| ✦ Network Security | ✦ Incident Response | ✦ Data Forensics |
| ✦ Data Mining | ✦ User Authentication | |
| ✦ Privacy Preservation | ✦ Regulatory Compliance | |

SUBMISSION PROCESS

Full papers describing the domain belong to Computational Intelligence, Cyber Security, Knowledge Engineering and Security, and IT Innovations

- Before submitting your paper, please read the following guideline:
- <https://www.springer.com/gp/authors-editors/conference-proceedings/conference-proceedings-guidelines>
- Refer to <https://isms2025.iaasse.org/call-for-papers.html#imp-dates> for **Important Dates**
- Refer to <https://isms2025.iaasse.org/register.html> for **Registration Fees**.
