



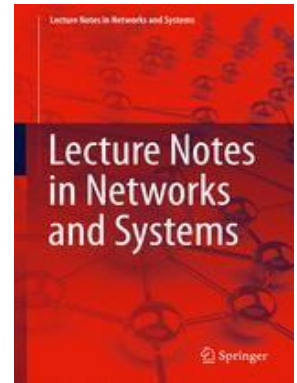
SESSION ORGANIZERS:

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SESSION DESCRIPTION:

"Industry 5.0" (I5.0) signifies a recent industrial revolution where numerous sensors, actuators, and intelligent components are connected through Internet communication technologies to enable intelligent real-time applications. Disruptive innovations are driving I5.0 forward and creating new opportunities for value generation across all major industry sectors. Innovations in cybersecurity and data science within I5.0 facilitate smart applications and services with precise real-time monitoring and control. By improving access to real-time information, it aims to enhance overall effectiveness, reduce costs, and boost the efficiency of people, processes, and technology. Industry 5.0 technologies—such as Cyber Physical Systems, Cloud Computing, Internet of Things, Artificial Intelligence, Smart Factories, Smart Manufacturing, and Cognitive Computing—have already enabled a wide range of applications across various sectors. This session offers a platform to share research and insights on the application of data science, blockchain, and cybersecurity innovations within Industry 5.0. It emphasizes the technological foundations of cybersecurity and data science in the Industry 5.0 landscape, describing existing innovations, applications, and cutting-edge solutions both in academic research and practical deployment.

RECOMMENDED TOPICS:

Cybersecurity / Data Science advancements with Industry 5.0 Technologies [Cyber Physical Systems, Cloud Computing, Internet of Things, Artificial Intelligence, Smart Factories, Smart Manufacture, and Cognitive Computing] impact in (not limited to),

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| ✚ Agriculture | ✚ Gaming |
| ✚ Augmented Reality | ✚ Governance |
| ✚ Banking and Finance | ✚ Heritage and Culture |
| ✚ Biotechnology | ✚ Identity Theft & Protection |
| ✚ Blockchain | ✚ Information Retrieval |
| ✚ Computer Vision and Image Processing | ✚ Information Security & Data Protection |
| ✚ Criminal Science and Forensics | ✚ Recommendation Systems |
| ✚ Crowdfunding / Crowdsourcing | ✚ Retail |
| ✚ Cyber Bullying | ✚ Robotics and Drones |
| ✚ Cyber Crime and Digital Terrorism | ✚ Smart Appliances and Smart Homes |
| ✚ Data Analysis and Statistics | ✚ Smart Automation |
| ✚ Data Analytics | ✚ Smart Cities |
| ✚ Databases | ✚ Smart Education |
| ✚ Decision Support Systems | ✚ Smart Healthcare |
| ✚ Disaster Management | ✚ Smart Vehicles |
| ✚ E-commerce | ✚ Social media |
| ✚ Entertainment | ✚ Speech recognition |
| ✚ Filtered Internet Search | ✚ Targeted Advertising |
| ✚ Fitness & Sports | ✚ Transportation & Logistics |
| ✚ Food Technology | ✚ Travel & Tourism |
| ✚ Fraud Detection | |

ICCS-2025

11th International Conference on Cyber Security Privacy in Communication Networks

Hybrid Mode (In-Person & Virtual)

December 08 – 09, 2025

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

(<https://iccs2025.iaasse.org/call-for-papers.html>)

SPECIAL SESSION

Applications of Data Science and Cybersecurity Innovations in Industry 5.0 Technologies



IMPORTANT DATES

For Dates,

Refer <https://iccs2025.iaasse.org/call-for-papers.html#imp-dates>

SUBMISSION GUIDELINES

To know more about **paper format and other submission guidelines**, pls visit the following link of SN LNNS:

[Computer Science proceedings LaTeX2e package](#)

[Computer Science proceedings Word templates](#)

[Computer Science proceedings instructions for authors](#)

SUBMISSION PROCESS

Researchers and practitioners are invited to submit papers for this special theme session, **Applications of Data Science and Cybersecurity Innovations in Industry 5.0 Technologies**. All submissions must be original and may not be reviewed by another publication.

Submission Link – Refer https://meteor.springer.com/ICCS_2025

All submitted papers will be reviewed on a double-masked, peer-review basis.

REGISTRATION:

For Details,

Refer <https://iccs2025.iaasse.org/register.html>



Cardiff Metropolitan University-United Kingdom (UK)



University of South Wales, United Kingdom (UK)



University of the west of England, United Kingdom (UK)



Swansea University, United Kingdom (UK)



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