



ICCS-2022



**8th International Conference on Cyber Security Privacy in
Communication Networks (ICCS) 2022**

Organized by

**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)
Cardiff University, United Kingdom (UK)
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December 12 – 13, 2022

******* CALL FOR PAPERS *******
(<https://iccs2022.iaasse.org/call-for-papers.html>)

SPECIAL SESSION

**Applications of Data Science and Cybersecurity Innovations in Industry 4.0
Technologies**

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

The term "Industry 4.0" (I4.0) refers to a recent industrial revolution in which a large number of sensors, actuators, and intelligent components are connected to Internet communication technologies to provide intelligent real-time applications. Disruptive innovations are now propelling I4.0 and presenting new opportunities for value generation in all major industry segments. I4.0 Technologies' innovations in cybersecurity and data science provide smart apps and services with accurate real-time monitoring and control. Through enhanced access to real-time information, it also aims to increase overall effectiveness, lower costs, and increase the efficiency of people, processes, and technology. Industry 4.0 technologies such as Cyber Physical Systems, Cloud Computing, Internet of Things, Artificial Intelligence, Smart Factories, Smart Manufacture, and Cognitive Computing, have already made it possible for a wide range of applications across multiple industries. This session aim is to introduce readers to cybersecurity, data science and its impact on the realization of the Industry 4.0 applications. The focus of the session is to cover the technological foundations of cybersecurity and data science within the scope of the Industry 4.0 landscape and to detail the existing cybersecurity and data science innovations with Industry 4.0 applications, as well as state-of-the-art solutions with regard to both academic research and practical implementations.

RECOMMENDED TOPICS:

Cybersecurity / Data Science advancements with Industry 4.0 Technologies [Cyber Physical Systems, Cloud Computing, Internet of Things, Artificial Intelligence, Smart Factories, Smart Manufacture, and Cognitive Computing] impact in (not limited to),

- Agriculture
- Augmented Reality
- Banking and Finance
- Biotechnology
- Blockchain
- Computer Vision and Image Processing
- Criminal Science and Forensics

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

SUBMISSION PROCESS

At the time of article submission, Please follow the given steps:

Step I - ONLY Submit your abstract through EasyChair [<https://easychair.org/conferences/?conf=iccs20223>] and wait for acceptance notification for abstract.

Step II - Follow the instructions to submit full paper as given in the acceptance mail of abstract.

For any submission related query, pls contact us at iccs@iaasse.org

SUBMISSION GUIDELINES

Papers reporting original* and unpublished research results pertaining to the related topics are solicited. *(papers with plagiarism more than 30% will be outrightly rejected)

To know more about **paper format and other submission guidelines** pls visit the following link of SN Computer Science Journal: <https://www.springer.com/journal/42979/submission-guidelines>

Submissions should include the author(s), affiliation(s), e-mail address(es), and postal address(es) in the manuscripts. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

DEADLINE TO REMEMBER:

Submission of Abstracts	September 15, 2022
Submission of Full Paper	September 20, 2022
Notification of Acceptance	October 31, 2022
Early Bird Registration	November 05, 2022
Oral presentation of selected works	December 12-13, 2022
Submission of Final paper	December 20, 2022

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