

ICCS 2023: INNOVATIONS IN AI-DRIVEN CYBERSECURITY: CHALLENGES AND OPPORTUNITIES

SESSION DESCRIPTION

In the rapidly evolving field of cybersecurity, artificial intelligence (AI) has become a powerful tool for detecting, mitigating, and responding to cyber threats. This session will explore the latest advancements in AI-driven cybersecurity and the dynamic interplay between technology, research, and law enforcement. Experts, researchers, and practitioners are invited to share insights into innovative AI approaches, discuss challenges, and uncover opportunities for creating a more secure digital environment. Topics of interest include AI-based threat detection, predictive analytics, adversarial machine learning, ethical considerations, and collaboration between academia and law enforcement agencies. Join us in this session to learn about the potential of AI in reshaping the future of cybersecurity.

This session aims to facilitate discussions on the latest AI methodologies, ethical considerations in AI-powered cybersecurity, and collaborative strategies to address cyber threats. It offers a platform for researchers and professionals to exchange research findings, insights, and practical experiences in AI-driven cybersecurity.

Call For Papers: Special Session On Innovations In Ai-Driven Cybersecurity

In conjunction with the ICCS 2023 Conference

Session Title: Innovations in AI-Driven Cybersecurity: Challenges and Opportunities

Session Description:

The rapidly evolving landscape of cybersecurity is witnessing the transformative impact of artificial intelligence (AI). The "Innovations in AI-Driven Cybersecurity" special session at ICCS 2023 invites researchers, experts, and practitioners to explore the frontiers of AI-powered solutions for detecting, mitigating, and responding to cyber threats. This session provides a platform to discuss the dynamic interplay between technology, research, and law enforcement in creating a more secure digital environment.

Topics of Interest: we encourage submissions on a wide range of topics related to AI-driven cybersecurity, including but not limited to:

- AI-based threat detection and prevention
- Predictive analytics for cyber threat intelligence
- Adversarial machine learning in cybersecurity
- Ethical considerations in AI-driven cybersecurity
- Collaborative strategies between academia and law enforcement agencies
- Human-AI interaction in cybersecurity operations
- AI applications in digital forensics and incident response

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 LNNS:

<https://www.springer.com/gp/computer-science/lncs/conference-proceedings-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.

Presentation through Virtual Platform

A virtual meeting platform is to be made available for all registered authors who intend to submit their work but are unable to attend the conference. Authors may register and present their paper through **the virtual platform**. Authors shall be sent a Certificate of Participation, Conference Proceedings link and relevant literature by mail.

Acceptance & Publication

After a double-blind peer review, qualifying Regular Papers may be accepted as either Full Papers or Short Papers.

- **All accepted and presented** papers of the conference will be reviewed for possible publication in **Springer Nature's LNNS**.
- The papers must be part of the worldwide scholarly discourse in the field covered by the library. The reviews will be done to make sure papers are relevant for the chosen classifications to ensure subscribers receive relevant content.
- **NO extra** fee is charged from authors for inclusion in proceedings.
- Authors will grant a non-exclusive, revocable license that allows providing services to users.

Join us in Shaping the Future of Cybersecurity: The "Innovations in AI-Driven Cybersecurity" special session aims to foster discussions, collaborations, and knowledge exchange among researchers and professionals at the forefront of AI and cybersecurity. We invite you to contribute to this exciting dialogue and explore the potential of AI in reshaping the future of cybersecurity.

Important Dates

- **Call for Papers - August 25, 2023**
- **Submission of Full Paper - September 15, 2023**
- **Notification of Acceptance - October 15, 2023**
- **Early Bird Registration - October 20, 2023**
- **Oral presentation of selected works - December 11-12, 2023**
- **Submission of CRC - December 31, 2023**

For inquiries and further information, please contact **Ruqayah N Ahmed, Computer Center - University of Samarra**, ruqaya@uosamarra.edu.iq, **+9647710644723**