C A L L F O R P A P E R

Special Session on

"Blockchain, Cybersecurity and AI: Building Resilient Systems for the Future"

In

International Conference

on

Contemporary Computing and Informatics
(IC^{3}I-2023)

14th–16thSeptember 2023

At

Amity University Uttar Pradesh, Plot No. 48 A, Amity Road, Knowledge Park III, Greater Noida, Uttar Pradesh, India – 201308.

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Session Chair:

Prof. Keshav Kaushik, School of Computer Science, University of Petroleum and Energy Studies, Dehradun, Uttarakhand, India
Dr. Ashutosh Dhar Dwivedi, Post Doc, Cyber Security Group, Aalborg University, (Campus Copenhagen), Department of Electronic Systems, Denmark.

Important Weblinks:

- To visit Conference Website, **click here**
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Important Dates:

Paper Submission Deadline:	14th June 2023
Notification of Acceptance:	16thJuly 2023
Camera Ready Paper Submission Deadline:	31stJuly 2023
Last Date of Registration:	12th August 2023
Conference Date:	14th– 16thSeptember 2023

Amity Universityis a research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing International Conference on Contemporary Computing and Informatics on 14th– 16thSeptember 2023.

This Conference includes many topics which were deeply deliberated and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers and academicians from scientist fraternity.

Aim and Scope:

The aim of this special session is to bring together researchers, academicians, industry experts, and students to discuss the latest advancements and challenges related to the intersection of blockchain, cybersecurity, and AI. The session will provide a platform for sharing innovative solutions, case studies, and research contributions related to the development of secure and resilient systems in the face of emerging threats and vulnerabilities. The session aims to explore the potential of these futuristic technologies to enhance security and resilience in various domains, including but not limited to healthcare, finance, transportation, and smart cities. The goal is to identify key research directions, best practices, and emerging trends that can help in building secure, trustworthy, and resilient systems for the future.

Participants will have the opportunity to exchange ideas, share experiences, and collaborate on interdisciplinary research projects related to the use of blockchain, cybersecurity, and AI in enhancing security and resilience. The session will foster discussions on the ethical, legal, and social implications of these technologies, and will explore ways to address the challenges and opportunities presented by their integration.

This special session is to contribute to the advancement of knowledge and practice in the field of cybersecurity and futuristic technologies, and to promote collaborations among researchers and practitioners across different domains and disciplines.

The special session will include the following broad topics, but are not limited to:

Sub-themes *(but not limited to):*

- Cryptography and blockchain-based security mechanisms
- Blockchain-based intrusion detection and prevention systems
- Privacy and confidentiality in blockchain-based systems
- Blockchain-based identity and access management solutions
- Blockchain-based secure data sharing and collaboration platforms
- Blockchain-based threat intelligence and incident response systems.
- Machine learning-based intrusion detection and prevention systems
- AI-based malware detection and analysis
- AI-based vulnerability assessment and management
- Explainable AI for cybersecurity applications
- AI-based cyber threat intelligence and threat hunting
- AI-based security analytics and monitoring
- Integration of blockchain and AI for enhancing cybersecurity
- Blockchain-based secure data sharing and analysis using AI
- AI-based security monitoring and analysis of blockchain networks

- Blockchain-based smart contract security using AI
- AI-based secure and resilient blockchain architecture design
- AI-based security and privacy solutions for blockchain-based smart cities
- Cybersecurity challenges and solutions in IoT and edge computing
- Cybersecurity implications of quantum computing and post-quantum cryptography
- Cybersecurity in autonomous systems and robotics
- Cybersecurity in cloud computing and big data analytics
- Ethical, legal, and social implications of futuristic technologies in cybersecurity
- Emerging trends and challenges in the field of cybersecurity and futuristic technologies

Note:It is a mandatory requirement that all papers submitted for this session must be e-mailed to officialkeshavkaushik@gmail.com along with Microsoft CMT submission.

In case of any query, please write to us on:
officialkeshavkaushik@gmail.com