ICICCS-2026

International Conference on Intelligent Computing and Communication Systems

ORGANISED BY: BIRMINGHAM CITY UNIVERSITY, ENGLAND, UNITED KINGDOM

14-16th July 2026.

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

SPECIAL SESSION ON

Decentralized Intelligence and Secure Systems: Synergies Across Blockchain, Generative AI, LLMs, XAI, and Cybersecurity

SESSION ORGANIZERS

Dr. Gulshan Shrivastava
School of Computer Science Engineering & Technology,
Bennett University, Greater Noida (U.P.), India- 201310
Email: gulshanstv@gmail.com

Dr. Tina Tomazic
University of Maribor, Slovenia, Europe
Email: tina.tomazic@um.si

Dr. Shiv Naresh
School of Computer Science,
University of Petroleum and Energy Studies, Dehradun,
Uttarakhand, India 248007
Email: shiv827@gmail.com

SESSION DESCRIPTION

This special session explores the convergence of decentralized and intelligent technologies, with a focus on Blockchain, Generative AI, Large Language Models (LLMs), Explainable AI (XAI), and next-generation cybersecurity frameworks. As digital systems move toward greater autonomy and decentralization, the integration of secure, transparent, and intelligent mechanisms becomes essential for building reliable and future-ready ecosystems.

The session invites high-quality research contributions and real-world implementations that address the intersection of trust, explainability, decentralization, and scalable intelligence. Relevant topics include, but are not limited to, blockchain-based AI verification, decentralized trust and identity frameworks, zero-knowledge proofs for GenAI pipelines, and explainable LLMs for use in regulated and high-risk domains.

With applications across e-governance, finance, healthcare, smart contracts, education, and national security, this session offers a forward-looking forum for researchers, industry practitioners, and policymakers to shape the foundations of secure and intelligent decentralized systems.

RECOMMENDED TOPICS

Topics of interest for this special session include, but are not limited to:

- Blockchain-based trust, provenance, and traceability for GenAI and LLMs
- Explainable AI (XAI) for decentralized and regulated systems
- Smart contracts and LLM-driven autonomous agents
- Decentralized and federated learning with blockchain and edge AI
- Cryptographic techniques and zero-knowledge proofs for AI validation
- Secure model sharing, watermarking, and IP protection for generative models
- Blockchain-enabled governance and auditing of AI and LLM outputs
- Quantum-resilient blockchain and cryptography for AI infrastructures
- LLM applications in DeFi, healthcare, and e-governance
- Privacy-preserving computation and secure multi-party AI systems
- Trustworthy and auditable AI pipelines using distributed ledgers
- Security, compliance, and risk management in blockchain–AI systems

SUBMISSION PROCEDURE

Researchers, academicians, and industry practitioners are invited to submit original research papers to this **special session on Decentralized Intelligence and Secure Systems: Synergies Across Blockchain, Generative AI, LLMs, XAI, and Cybersecurity** by **28 February 2026.**

All submissions must be original and should not be under review or published elsewhere. Papers must be prepared and submitted in accordance with the conference manuscript submission guidelines available at: https://iciccsconference.com/paper-submission/

All submitted papers will undergo a double-blind peer review process.

IMPORTANT NOTE

While submitting the manuscript, authors must clearly mention the **Special Session Title** at the top of the first page of the paper (above the paper title) to ensure correct consideration under this special session.