

CALL FOR PAPERS (CFP)

SPECIAL SESSION ON

AI-DRIVEN CYBERSECURE SMART SYSTEMS FOR SUSTAINABLE DIGITAL TRANSFORMATION (AICSS-SDT 2026)

International Conference on Intelligent Data Engineering
and AI 2026 (IDEA 2026)

December 03–05, 2026 | Jio Institute, Navi Mumbai, India

IDEA 2026

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OVERVIEW

The rapid convergence of Artificial Intelligence (AI), cybersecurity, and smart systems is transforming modern digital ecosystems. While AI enables intelligent automation and data-driven decision-making, the growing complexity of interconnected systems introduces critical challenges related to security, privacy, and system resilience. Addressing these challenges is essential for achieving secure and sustainable digital transformation.

This special session aims to provide a dedicated platform for researchers, academicians, industry professionals, and practitioners to present and exchange innovative ideas, research findings, and practical solutions in the domain of AI-driven cybersecure smart systems. The session emphasizes sustainable and energy-efficient approaches that support scalable and resilient applications across smart cities, healthcare, transportation, and critical infrastructure.



IMPORTANT DATES

- Paper Submission Deadline **15 Jun 2026**
- Notification of Acceptance **20 Aug 2026**
- Camera-Ready Submission **20 Sep 2026**
- Conference Dates **3rd – 5th December 2026**



SUBMISSION GUIDELINES

- Manuscripts must be original, unpublished, and not under consideration elsewhere.
- Submissions must adhere to the formatting guidelines of IDEA 2026.
- All papers will undergo a rigorous peer-review process based on originality, technical quality, relevance, and clarity.
- Accepted papers will be included in the conference proceedings, subject to conference policies.



PUBLICATION & PROCEEDINGS



Accepted and Presented papers will be included in the IDEA conference proceedings, and published in **Springer LNNS (SCOPUS indexed)**.



WHY SUBMIT TO THIS SPECIAL SESSION?

- Focus on the convergence of AI, cybersecurity, and smart systems
- Opportunity to contribute to a high-impact interdisciplinary research domain
- Platform for academic and industry collaboration
- Emphasis on sustainable and secure digital transformation solutions
- Networking with leading researchers and global experts



SPECIAL SESSION CHAIRS



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TOPICS OF INTEREST

Authors are invited to submit original and unpublished research contributions, including but not limited to:

- AI-driven cybersecurity frameworks and intelligent threat detection
- Machine learning and deep learning for intrusion detection systems
- Secure IoT and smart system architectures
- Privacy-preserving AI (federated learning, differential privacy)
- Blockchain for secure and trustworthy smart ecosystems
- Cyber-physical system security and resilience
- Adversarial AI and robust machine learning techniques
- Explainable AI (XAI) in cybersecurity
- Edge and fog computing security for smart applications
- AI applications in smart healthcare, smart grids, and smart cities
- Secure communication in next-generation networks (5G/6G)
- Sustainable and energy-efficient AI (Green AI)
- Digital twin technologies for secure smart environments
- Identity management and access control mechanisms
- Cloud security and AI-driven security orchestration
- Cyber forensics and AI-based incident response
- Ethical, legal, and social implications of AI in secure systems

