ICAIN-2025
International Conference on Artificial Intelligence and Networking

Organized by
University of Stirling - RAK Campus, UAE

10th - 11th October 2025

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

SPECIAL SESSION ON: Next-Gen Technologies for Sustainable, Secure, and Intelligent Societies: Innovations in AI, Blockchain, Autonomy, and Healthcare

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

This special session highlights the transformative role of emerging technologies—such as **Artificial Intelligence (AI), Blockchain, Autonomous Systems, and Digital Health Innovations**—in shaping the future of **sustainable, secure, and inclusive societies**. As communities around the world embrace digital transformation, there is a growing need to design and deploy technologies that not only optimize systems, but also improve quality of life, promote resilience, and ensure equity.

We invite research that explores how these technologies are being developed and applied to solve real-world challenges in domains such as **urban development, transportation, public health, infrastructure management, emergency response, energy optimization**, and **governance**. From AI-driven decision systems in healthcare and mobility, to blockchain-secured identity and data integrity frameworks, to autonomous vehicles improving access and reducing environmental impact, this session is a space to share actionable solutions and forward-looking ideas. Particularly encouraged are contributions that combine technical depth with societal relevance—whether through the design of scalable systems, the deployment of intelligent services in the field, or the analysis of ethical, legal, and policy implications. Topics may include but are not limited to smart cities, intelligent transport networks, digital twins, edge computing, privacy-aware AI, decentralized governance, and AI-assisted public health infrastructure.

We welcome submissions from a wide range of contributors including researchers, system architects, city planners, clinicians, engineers, entrepreneurs, and policy specialists. This session serves as a platform for interdisciplinary exchange and collaboration, offering participants the opportunity to present their work to a diverse global audience, gain valuable feedback, and help shape the conversation on the responsible and impactful use of technology in society.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- AI for Social Impact
- Blockchain and Digital Trust
- Autonomy in Smart Systems
- Intelligent Urban Infrastructure
- Data-Driven Public Services
- Secure Communication Networks
- Sustainable Tech for Cities
- Edge & Cloud for Critical Systems
- Human-Centered Tech Design
- Ethics and Responsible AI
- Simulation and System Modeling
- Multi-Agent and Distributed AI
- Tech for Emergencies and Resilience
- Digital Health and AI in Care
- Smart and Inclusive Mobility
- Urban Safety and Integration
- Climate and Health Technologies

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this particular theme session on **[Next-Gen Technologies for Sustainable, Secure, and Intelligent Societies: Innovations in AI, Blockchain, Autonomy, and Healthcare]** *on or before* **[30th May 2025]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://www.icain-conf.com/downloads. All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify [Next-Gen Technologies for Sustainable, Secure, and Intelligent Societies: Innovations in AI, Blockchain, Autonomy, and Healthcare] at the top (above paper title) of the first page of your paper.

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