**UNIVERSITY of STIRLING** | **RAS AL KHAIMAH CAMPUS**

# 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
Artificial intelligence for sustainable solutions

### SESSION ORGANIZERS:
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### SESSION DESCRIPTION:
This session explores the transformative role of Artificial Intelligence in driving sustainable development. It will highlight innovative AI-powered solutions for optimizing energy use, conserving natural resources, promoting sustainable agriculture, enabling a circular economy, and mitigating climate change. Through collaborative insights from researchers and industry leaders, the session will emphasize how AI can support equitable access to resources, enhance infrastructure resilience, and foster a sustainable future for all.

### RECOMMENDED TOPICS:
Topics to be discussed in this special session include (but are not limited to) the following:
- Energy and Resource Optimization (AI-driven approaches to enhance energy efficiency, integrate renewable energy, and optimize natural resource management).
- Climate Change and Environmental Conservation (AI applications for climate change mitigation, disaster management, biodiversity monitoring, and ecosystem preservation).
- Sustainable Agriculture and Food Security (AI-powered tools for precision farming, crop management, water conservation, and reducing food waste).
- Smart Cities and Urban Development (Leveraging AI for smart infrastructure, intelligent traffic systems, waste management, and urban planning).
- Circular Economy and Industrial Sustainability (Using AI for waste reduction, material recycling, cleaner production processes, and sustainable supply chain management).
- Healthcare and Equitable Resource Access (AI solutions for remote diagnostics, adaptive learning, clean water

systems, and ensuring equity in resource distribution.)

Researchers and practitioners are invited to submit papers for this particular theme session on **[session name]** *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 [Session Name] at the top (above paper title) of the first page of your paper.

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