



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

AI-based Energy Management for Sustainable WSN

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional)

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SESSION DESCRIPTION:



RECOMMENDED TOPICS:

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

- **Network Energy Optimization of WSN**
- **Machine Learning for the proficient energy of WSN**
- **Energy-Efficient Routing in Wireless Sensor Networks using AI**
- **Intelligent Energy Distributed System for WSN**
- **Energy-Efficient Routing Protocol used in WSN**
- **Energy Efficient Clustering in Wireless Sensor Networks**
- **AI-based energy management for WSN**
- **Hybrid Modelling for energy-efficient routing in WSN**
- **Optimization of Clustering in Wireless Sensor Networks**
- **AI-IoT based WSNs**
- **Energy-Efficient Adaptive Clustering using AI**
- **Energy Efficient Distance-based Optimum CH and GH Selection**
- **Energy-Aware Distance-based Packet Routing (Intra & Inter-Cluster)**
- **Energy-efficient communication protocol using AI**
- **Energy-efficient network design and control using AI**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this particular theme session on **AI-based Energy Management for Sustainable WSN** *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 **AI-based Energy Management for Sustainable WSN** at the top (above paper title) of the first page of your paper.

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