

ICAIN-2025
International Conference on Artificial
Intelligence and Networking

10th - 11th October 2025

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

SPECIAL SESSION ON

AI-Powered Social Media Analytics: Emerging Trends in Machine Learning
and Deep Learning Applications

SESSION ORGANIZERS:

Dr. Ruchi Kaushal Sharma ,
NMIMS University, Mumbai
Maharashtra
India
ruchi.sharma@nmims.edu
ruchi.k6508@gmail.com

SESSION DESCRIPTION:

This special session aims to bring together researchers, practitioners, and industry experts to explore the transformative potential of artificial intelligence in social media analytics. With the exponential growth of user-generated content, there is an urgent need for intelligent systems that can mine, analyze, and interpret complex social signals. This session invites innovative work that harnesses machine learning and deep learning to address challenges such as opinion mining, trend detection, misinformation tracking, real-time sentiment prediction, visual media interpretation, and user behavior modeling. We particularly encourage interdisciplinary approaches that integrate multimodal analytics, explainability, ethical AI, and large-scale deployment strategies. By covering a wide spectrum of AI methods and social media applications, this session provides a platform for both foundational advancements and impactful real-world use cases.

RECOMMENDED TOPICS:

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

- Deep learning models for sentiment and emotion analysis across platforms
- Transformer-based architectures for social media content summarization and classification

- Misinformation and fake news detection using graph-based and neural models
- Multimodal fusion techniques for analyzing text, images, audio, and video in social media
- Real-time trend detection, user profiling, and influence prediction using ML/DL
- Ethical, explainable, and privacy-preserving AI techniques for social media analytics
- Generative AI and LLM-based approaches for social media engagement prediction
- Zero-shot and few-shot learning applications in low-resource social media environments
- Applications of reinforcement learning in adaptive content recommendation
- Cross-lingual and cross-platform social behavior modeling

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this particular theme session on AI-Powered Social Media Analytics: Emerging Trends in Machine Learning and Deep Learning Applications

on or before 30th June 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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