ICAIN-2024
International Conference on Artificial Intelligence and Networking

Organized by
Guru Tegh Bahadur Institute of Technology (GTBIT),
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Portalegre Polytechnic University &Institute of Technology and Business in České Budějovice, Czech Republic
&
Keshav Mahavidyalaya, University of Delhi

24th - 25th September 2024

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

SPECIAL SESSION ON
Recent Advancements in Generative AI: An Areas of Active Research

SESSION ORGANIZERS:
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EDITORIAL BOARD: (Optional)
[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:
The discipline of Generative AI has experienced rapid expansion and expanded applications, resulting in a wide range of recent achievements. Current research focuses on various topics such as utilizing unlabeled data more efficiently through self-supervised learning, addressing bias and ensuring fairness in generated content, optimizing models for energy-efficient inference on devices with limited resources, handling multiple types of data for tasks involving different modalities, improving uncertainty estimation for decision-making and detection, developing privacy-preserving models for generating synthetic data while maintaining privacy guarantees, enabling interactive control over the generation process, utilizing meta-learning techniques for quick adaptation to new tasks or datasets, enhancing robustness to adversarial attacks to ensure model security, and facilitating generation and adaptation across different domains for wider applicability. These breakthroughs highlight the continuous endeavors to expand the limits of Generative AI, progressing towards more adaptable, dependable, and ethically conscious generative models.

RECOMMENDED TOPICS:

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

- Generative Adversarial Networks (GANs)
- Deep Learning
- Artificial Intelligence
- Machine Learning
- Image Generation
- Text Generation
- Audio Generation
- Video Generation
- Natural Language Processing (NLP)
- Style Transfer
- Transfer Learning
- Creative AI
- Neural Networks
- Reinforcement Learning
- Adversarial Attacks

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[Recent Advancements in Generative AI: An Areas of Active Research]** ***on or before*** **[30th July 2024]**. 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 [Recent Advancements in Generative AI: An Areas of Active Research] at the top (above paper title) of the first page of your paper.

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