

ICDAM-2021
International Conference on Data Analysis and Management
*Organized Jointly by JAN WYZYKOWSKI UNIVERSITY, POLAND & PANIPAT INSTITUTE OF
ENGINEERING & TECHNOLOGY, HARYANA, INDIA*

On 26th June, 2021.

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

SPECIAL SESSION ON

Emerging Applications of Artificial Intelligence and Machine Learning in Ad-Hoc Network

SESSION ORGANIZERS:

Dr. Jasminder Kaur Sandhu, Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India, jasminder.sandhu@chitkara.edu.in

Dr. Luxmi Sapra, Associate Professor, Dev Bhoomi Institute of Technology, Dehradun, India, luxmi.sapra@gmail.com

SESSION DESCRIPTION:

The advancement in Artificial Intelligence (AI) and Machine Learning (ML) have paved a way for most faster communication in Ad-hoc Networks. These recent advancements in the field of AI and ML are providing effective and optimized solutions to enhance the performance of the networks. The applications of AI based techniques in Ad-hoc networks has facilitated the automation of the network management and operations. This session aims at addressing the current directions of research and at presenting novel contributions in the field of AI/ML applied to communications and networking, including scalable analytical techniques and frameworks capable of collecting and analyzing both online and offline massive datasets. Furthermore, its goal is to address innovative design approaches and use cases related to the application of AI/ML in communications and networking, to discuss open issues related to the application of machine learning into networking system problems, and to share new ideas and techniques for big data analysis in communication systems.

RECOMMENDED TOPICS:

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

- Descriptive AI in Ad-hoc Networks
- Predictive AI in Communications Networks
- Effective Network Data Representation
- Machine Learning Applications in Ad-hoc Networks
- Knowledge Acquisition and Learning

- Clustering, Classification and Regression
- Supervised, Unsupervised Learning and Reinforcement Learning
- Quality of Service Prediction
- Machine Learning for Ad-hoc Routing
- Computational Intelligence and Soft Computing in Ad-hoc Networks
- Intrusion Detection
- Energy-Efficiency

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on Machine Learning, Cryptography and Blockchain on or before 31st March 2021. 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 http://icdam-conf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [Artificial Intelligence, Machine Learning, and Ah-doc Networks] at the top (above paper title) of the first page of your paper.

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