**COMPUTER VISION AND PATTERN RECOGNITION THROUGH ARTIFICIAL INTELLIGENCE**

**Conference/Session Chair:**

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**Session Description**

This session delves into the cutting-edge advancements in computer vision and pattern recognition powered by artificial intelligence. It aims to explore the latest research, methodologies, and applications that leverage AI to enhance the accuracy and efficiency of visual data processing and pattern identification. Authors will engage in dynamic discussions, insightful presentations, and valuable networking opportunities, all aimed at fostering collaboration and advancing the transformative potential of artificial intelligence in reshaping industries, improving human-computer interaction, and addressing real-world challenges.

**Recommended Topics**

This track will accept paper on research articles and reviews in the areas including, but not limited to:

* Advancements in Deep Learning for Computer Vision
* Innovations in Pattern Recognition and Machine Learning
* Biometric Recognition Systems and Security Applications
* Augmented Reality (AR) and Virtual Reality (VR) Integration
* Medical Imaging and Healthcare Innovations
* Scene Understanding and Visual Perception
* Remote Sensing and Geospatial Analysis
* Human-Computer Interaction (HCI) Technologies
* Ethical Considerations in Computer Vision and AI
* Industry Applications and Innovations in Computer Vision

**Submission Process**

Authors are invited to submit papers for this special theme session on or before 30th September 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 http://rai2024.iaasse.org/index.html. All submitted papers will be reviewed on a double-blind, peer-review basis.

**Submission Guidelines**

Papers reporting original\* and unpublished research results pertaining to the related topics are solicited. \*(papers with plagiarism more than 25% will be outrightly rejected) To know more about paper format and other submission guidelines pls visit the following link of SN LNNS: https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines Submissions should include the author(s), affiliation(s), e-mail address(es), and postal address(es) in the manuscripts. Papers will be selected based on their originality, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

**Deadlines to Remember**

Submission of Full Paper : September 30, 2024

Notification of Acceptance : October 31, 2024

Early Bird Registration : November 05, 2024

Submission of Final Paper : December 05, 2024

Conference Dates : December 16-17, 2024

**Publication details**

**All accepted and presented papers will be published in the Lecture Notes in Networks and Systems series by Springer, which is indexed in Scopus.**