

ABOUT THE CONFERENCE

The emerging modern mobile robotic systems and intelligent information systems are becoming increasingly ubiquitous and distributed, where it is intended to operate in a highly dynamic and continuously fluctuating societal and economic environments. Moreover, the introduction of autonomous systems has revolutionized wide range of applications like agriculture, healthcare, education, military, industries, and so on. This International Conference on Machine Learning and Autonomous Systems [ICMLAS 2021] hosted and organized by Rohini College of Engineering and Technology, Tamilnadu India on 24-25 September 2021 will be an interdisciplinary platform for the researchers to contribute their research works that address the state-of-the-art technologies, development, and methodologies for the futuristic intelligent autonomous system developments and applications.

ABOUT THE COLLEGE

Rohini College of Engineering and Technology is the most prestigious institution established by a well-known industrialist and philanthropist, Shri.K.Neela Marthandan in 2012. More than 2650 students are pursuing their studies in 5 Under Graduate and 4 Post Graduate programmes. Anna University has recognized Department of Mechanical Engineering as the Research Centre. The academic system followed is Outcome Based Education.

CALL FOR PAPERS

Machine Learning

- ✦ Computational Learning Theory and Applications
- ✦ Knowledge Discovery and Acquisition
- ✦ Cognitive Modelling and Data Analysis Techniques
- ✦ Hybrid Learning Algorithms
- ✦ Data and Knowledge Representation Models
- ✦ Deep Learning Approaches
- ✦ Mutli-agent Systems and Learning Models
- ✦ Support Vector Machine
- ✦ Intelligent Information Retrieval Techniques
- ✦ Reinforcement Learning Approaches
- ✦ Fuzzy-based Learning Approaches
- ✦ Machine Learning for Web and Social Network Mining
- ✦ Intelligent Feature Extraction Techniques
- ✦ Mobile Data Mining and Analysis
- ✦ Parallel and Distributed Learning Algorithms
- ✦ Statistical and Analytical Learning
- ✦ Scalability and Reliability Of Learning Algorithms

Autonomous Systems

- ✦ Theoretical Foundations for Autonomous Systems
- ✦ Complex and Adaptive Autonomous Systems
- ✦ Autonomous Computing Platforms and Applications
- ✦ Cognition-Inspired Autonomous Systems
- ✦ Multi-Autonomous Systems and Applications
- ✦ Autonomous Algorithms and Models
- ✦ Adaptive and Autonomous Robots
- ✦ Real-Time Autonomous Systems
- ✦ Smart and Distributed Autonomous Systems
- ✦ Autonomous Software and Operating Systems
- ✦ Autonomous Sensors and Embedded Systems
- ✦ Optimization and Control Algorithms for Autonomous Systems
- ✦ Novel Control Models and Structures for Autonomous Systems
- ✦ Learning, Adaptation, and Estimation Methods for Autonomous Systems
- ✦ Innovative Applications of Autonomous Systems: Healthcare, Agriculture, Industries, Military, Smart Cities, Smart Home, Education, and So On.

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All papers must be formatted according to the Springer template, with a maximum length of 6 to 8 page including figures and references in Microsoft Word /Latex Format. All proposed papers must be submitted in electronic form using the ICMLAS 2021 submission management system or through Email [icmlas@gmail.com].

REGISTRATION FEE DETAILS

Indian Authors: INR 9500 (Fee for 15 pages)

Indian Listeners: INR 7000

Foreign Authors: 125 USD (Fee for 15 pages)

Foreign Listeners: 100 USD

VENUE

Rohini College of Engineering & Technology
Near Anjugramam JN, Kanyakumari Main Road,
Palkulam, Kanyakumari District - 629401.
TamilNadu, India.

CONTACT

Dr. R. Rajesh

Conference Chair & Convener

Principal,

Rohini College of Engineering & Technology,

Kanyakumari District

TamilNadu, India.

Eamil: icmlas@gmail.com

Mobile no: +91-9600368297

Conference website: <http://icmlas.com/>



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