



2nd International Virtual Conference on Robotics, Machine Learning and Artificial Intelligence

November 16-17, 2024 | Online Conference

Scientific Program

Robotics- Artificial Intelligence 2024

Virtual (Teams Meeting)

Time Zone: GMT+1 (London, UK)

Opening Ceremony

TBA* Time to be allotted soon

Keynote Session

TBA

Title: Human-machine teams: The advantages provided by the quantum-likeness of interdependence

William Lawless, Departments of Mathematics & Psychology, Paine College, Augusta, USA

TBA

Title: Pan-Evo: The evolution of information, biology's part in this, and avoiding ASS (Artificial Simulated Stupidity)

William B Sherwin, Evolution & Ecology Research Centre, UNSW-Sydney, AUSTRALIA

TBA

Title: Automated Abnormalities Detection in Mammography Using Deep Learning

Nourhan selim salem Mohamed, Faculty of Electric and Electronic Engineering, Menoufia University, Egypt

TBA

Title: The Effect of Directional Tactile Memory of the Back of the User on Reaction Time and Accuracy

Aly El Shafei, Department of Civil Environmental and Geomatic Engineering, University College London

TBA

Title: Hybrid Bio-Optimized Algorithms for Hyperparameter Tuning in Machine Learning Models: A Software Defect Prediction Case Study

Madhusmita Das, National Institute of Technology Karnataka, Mangalore, India

TBA

Title: See the Unseen : Grid-Wise Drivable Area Detection Dataset and Network using LiDAR

Christofel Rio Goenawan, Korea Advanced Institute of Science and Technology (KAIST) South Korea

TBA

Title: Leveraging corporate governance characteristics for stock crash risk assessment

Yanhong Guo, Dalian University of Technology, Dalian, China

TBA

Title: Alzheimer's disease multiclass detection through deep learning models and post-processing heuristics

Rani Rahbani, Department of Computer Science and Engineering, European University Cyprus, Nicosia

5 Speakers are Available for the Keynote Session

Plenary Speaker Session

Session Details	Robotics & Types of Robotics Deep learning Robot Manipulation and Grasping Robot Perception and Sensing Robot Learning and Adaptation Robot Motion Planning and Control Human-Robot Interaction Robot Ethics and Safety
Session Chairperson	Will be updated soon.
TBA	Title: Now You See Me, Now You Don't: Why the UK Must Ban Police Facial Recognition Jinqian Li, MPhil Sociology (Media and Culture), University of Cambridge, UK
TBA	Title: Prediction of Cornea Permeability of Pesticides –Machine Learning vs. Multiple Linear Regression Models Anna W. Sobanska, Department of Analytical Chemistry, Medical University of Lodz, Poland
TBA	Title: Machine Learning-driven insights into phase prediction for high entropy alloys Reliance Jain Prestige, Institute of Engineering Management and Research, Indore, Madhya Pradesh, India
TBA	Title: Technologies for Increasing the Control Efficiency of Small Spacecraft with Solar Panels by Taking into Account Temperature Shock Andrey Sedelinkov, Samara National Research University, Russia
TBA	Title: Quantification of the Uncertainty in Ultrasonic Wave Speed in Concrete:Application to Temperature Monitoring with Embedded Transducers Rouba Hariri, University Gustave Eiffel, Bouguenais, France
TBA	Title: Autonomous Control and Management Systems for Greenhouse Complexes Alexander Uzhinskiy, Joint Institute for Nuclear Research, Russia
TBA	Title: Voices from the Machine: The Human Touch in Virtual Assistants María José Martín-de Hoyos, University of Zaragoza, Spain
TBA	Title: Artificial intelligence in the L2 classroom: Implications and challenges on ethics and equity in higher education: A 21st century Pandora's box Deema Dakakni, University of Saint Joseph, Lebanon
5 Speakers are Available for the Planery Session	
Poster Presentation	
TBA	Title: Assessment of the evolution of psychomotor skills in the robotic surgery simulation process Danilo Araújo Silva, Faculty of Medical Sciences of Santa Casa de São Paulo (FCMSCSP), Brazil
TBA	Title: Stabilizing UAV Heliplane: A Genetic Algorithm and Nonlinear Control Method Amine Mehdi FIHAKHIR, University of Ghardaia, USA
TBA	Title: Deworming utilization among pregnant mothers with at least one Antenatal care follow-up in Ethiopia, 2022:- A Multilevel analysis Berihun Bantie, Debre Tabor University, Ethiopia
TBA	Title: Machine Learning Approaches In Precision Medicine: Applications To An Integrated Bioinformatics Digital Ecosystem Platform For A Rare Disease

Anna Visibelli, University of Siena, Italy

5 Speakers are Available for the Poster Session

End of the Session

Closing Ceremony

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