



International Virtual Conference on Robotics, Machine Learning and Artificial Intelligence June 15-16, 2024 | Online Conference

Scientific Program

Robotics- Artificial Intelligence 2024

Virtual Meeting

Time Zone: GMT+1 (London, UK)

June 15, 2024

09:30-09:35	Opening Ceremony
Keynote Session	
09:35-10:00	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
	Nehme Safa, University of Saint Joseph, Lebanon
10:00-10:25	Title: Autonomous Control and Management Systems for Greenhouse Complexes
	Alexander Uzhinskiy, Joint Institute for Nuclear Research, Russia
10:25-10:50	Title: Hybrid Model for Centralized Document Storage and Retrieval Using NLP Integration
	Diana Bratić, University of Zagreb, Croatia
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	Deema Dakakni, University of Saint Joseph, Lebanon
	Alexander Uzhinskiy, Joint Institute for Nuclear Research, Russia
10:50-11:15	Title: Voices from the Machine: The Human Touch in Virtual Assistants
	Guillermo Calahorra-Candao, University of Zaragoza, Spain
11:15-11:40	Title: Prediction of blood-brain barrier permeability of compounds – machine learning models based on IAM chromatographic and computational descriptors
	Anna Weronika Sobanska, Medical University of Lodz, Poland
11:40-12:05	Title: Teaching Logic to Chatbotse
	Vincenzo Manca, University of Verona, Italy
12:05-12:30	Title: Embracing AI in the Arts Classroom: A Comprehensive Investigation into Student Perceptions and Emotional Reactions

	Title: Assessing Student-Perceived Impact of using Artificial Intelligence Tools: Construction of a Synthetic Index of Application in Higher Education
	Alberto Grajeda, Bolivian Private University, Bolivia
12:30-12:55	Title: Novel Classification Method for Cataract Mutation Data
	Rashmi Rameshwari, Manav Rachna International Institute of Research and Studies, India
12:55-13:20	Title: Exploring Emotional Perception Variability in Anxiety and Depression: A Study in the Malayalam-Speaking Community
	Christa Thomas, Saintgits College of Engineering (Autonomous), India
13:20-13:45	Title: Acceptance of AI in Semi-Structured Decision-Making Situations Applying the Four-Sides Model of Communication An Empirical Analysis Focused on Higher Education
	Olivia Beese, Munich University of Applied Sciences, Germany
13:45-14:10	Title: Integrating SAR, Optical, and Machine Learning for Enhanced Coastal Mangrove Monitoring in Guyana
	Kim Chan-Bagot, National Agricultural and Research Extension Institute, Guyana
14:10-14:35	Title: Microplastic Removal in Wastewater Treatment Plants (WWTPs) by Natural Coagulation: A Review in SouthEast Asia
	Taskeen Reza, Universiti Kebangsaan, Malaysia
14:35-15:00	Title: The role of green nanomaterials as effective adsorbents and applications in wastewater treatment
	Reena Singh, National Institute of Technology, India
15:00-15:25	Title: Scalable and efficient CO₂ capture by novel graphene-based nanoparticles: synthesis and characterization
	Cataldo Simari, University of Calabria, Italy
15:25-15:50	Title: Deciphering Ciprofloxacin's Impact on Growth Attributes and Antioxidant Compounds in Pasankalla Quinoa
	Adán Quisocala Ramos, Universidad Nacional del Altiplano de Puno, Perú
15:50-16:15	Title: Unveiling the Thermoelectric Performances of Zn_{1-x}Fe_xSe Nanoparticles Prepared by the Hydrothermal Method
	Muhammad Isram, Università di Modena e Reggio Emilia, Italy
16:15-17:00	Poster Presentation
P001	Title: Machine Learning models of pesticides' biological properties based on Micellar Liquid Chromatographic and Calculated Descriptors – are pesticides' soil mobility, bioconcentration in aquatic organisms and placenta permeability interrelated?
	Anna Weronika Sobanska, Medical University of Lodz, Poland
P002	Title: Enhancing Titanium Implant Osseointegration and Corrosion Protection with Bioglass and Vitamin D3 Coatings
	Irina Ungureanu Negut, National Institute for Lasers, Romania
P003	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

P004	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
End of the Session	
Closing Ceremony	
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