



Scientific Program

International Virtual Summit on Robotics, Machine Learning and Artificial Intelligence
August 10-11, 2024 | Online Conference

Robotics Summit 2024

Virtual (Teams Meeting) Time Zone: EST (USA)

Opening Ceremony | 07:30-07:40 AM

Keynote Speaker Session

07:40-08:05	Title: Preliminary Study of Ergonomics and Safety for Collaboration between Human and Collaborative Robots
	Mr. Muhammad Ragil Suryoputro, University of Wollongong, Australia
08:05-08:30	Title: Enhanced Hate Speech Detection Using Sarcasm-Based Rationales
	Maliha Binte Mamun, Shizuoka University, Japan
08:30-08:55	Title: The Morphological Analysis of Indian Sign Language
	Amrutha K, Chris University, India
08:55-09:30	Title: Assessing student-perceived impact of using artificial intelligence tools: construction of a synthetic index of application in higher education
	Pamela Córdova, Bolivian Private University, Bolivia
	Alberto Grájeda, Bolivian Private University, Bolivia

Plenary Speaker Session

Sessions	Artificial Intelligence Deep learning Robot Perception and Sensing Medical and Surgical Robotics Knowledge-guided Machine Learning Mechanical Engineering Application of Robotics Computer Vision and Image Processing AI for Robotics and Autonomous Systems
Sessions Chairperson	Maliha Binte Mamun, Shizuoka University, Japan Amrutha K, Chris University, India
09:30-09:55	Title: Mapping Challengings, Opportunities, Strategies and Policies on the Use Chatgpt in Indonesian Theological Higher Education

	Tolop Oloan Marbun, Pelita Dunia Theological College, Indonesia
09:55-10:20	Title: Large Language Models in Oncology: Revolution or Cause for Concern? Aydin Caglayan, Medway NHS Foundation Trust, UK
10:20-10:45	Title: Competitive Distribution of Grb2 Among Multiple Receptor Types Reveals Signaling Hierarchies Dongmyung Oh, The University of Texas Medical Branch, USA
10:45-11:10	Title: Hybrid Model for Centralized Document Storage and Retrieval Using NLP Integration Diana Bratić, University of Zagreb, Croatia
11:10-11:35	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
11:35-12:00	Title: Teaching Logic to Chatbotse Vincenzo Manca, University of Verona, Italy
12:00-12:30	Title: Integrating SAR, Optical, and Machine Learning for Enhanced Coastal Mangrove Monitoring in Guyana Kim Chan-Bagot, National Agricultural and Research Extension Institute, Guyana
12:30-13:00	Poster Speaker Session
P001	Title: Prognostics and health management of 120 kW IPMSM used in Electric Vehicles Namsu Kim, Konkuk University, Republic of Korea
P002	Title: Autonomous Control and Management Systems for Greenhouse Complexes Alexander Uzhinskiy, Joint Institute for Nuclear Research, Russia
Closing & Award Ceremony	
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