

## Robotics and Artificial Intelligence December 01- 03, 2025 | Dubai, UAE

	Day 1 (December 01, 2025)	
08:30-09:30 Registrations		
09:30-09:35 Introduction		
09:35-10:00 Opening Ceremony		
	Plenary Talks	
10:00-10:45	Title: Approximating operators and semantics for abstract dialectical frameworks	
	Andrea Passerini, University of Trento, Italy	
10:45-11:30	Title: Agent decision-making in open mixed networks	
	Wei XING, College of Computer Science and Technology, China	
	Title: Not Yet Received	
11:30-12-15		
	Featured Talks	
12:15-12:45	Title: Harnessing Mathematics for AI, Security, and Sustainable Innovation	
12.10-12.40	Samir Brahim Belhaouari, Hamad Bin Khalifa University, Qatar	
12:45-13:15	Title: Generalization of Levy Path Signatures to Multivariate Time Series for Data Exploration and	
	Machine Learning with applications to Robotics  Halima Bensmail, Qatar Computing Research Institute HBKU Research, Qatar	
13:15-14:00	Lunch Break	
	Title: Integration of Hyperspectral Imaging and Artificial Intelligence for Retinal Diagnostics and	
14:00-14:30	Preventive Ophthalmology	
	Hui-Rong Su, Feng Chia University, Taiwan	
14:30-15:00	Title: Constant impedance control based dynamic reference-dependent impedance for robotic	
	manipulation in uncertain environments	
	Hosham Mahamed, Quanzhou University of Information Engineering, China	
	Title: Learning adaptation knowledge to improve each based reasoning	
15:00-15:45	Title: Learning adaptation knowledge to improve case-based reasoning  Rafat Alshorman, Yarmouk University, Jordan	
15:45-16:30	Title: Swarm intelligence for self-organized clustering	
	Camilla Parmegiani, University of Florence, Italy	
	Featured Talks	
16:30-17:00	Title: Data science and machine learning in the IIoT concepts of power plants	
	Sasa D. Milic, University "Union - Nikola Tesla", Serbia	
17:00-17:30	Title: Automating Government Tender Proposals Using Multi-Tier AI Agent Architecture	
	Anna Rayskaya, Mocow State University, Russia	
17:30-18:00	Speaker slots available	

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	Day 2 (December 02, 2025)
09:30-10:00	AV Check
	Plenary Talks
10:00-10:45	Title: A benchmark study of machine learning models for online fake news detection
	Olivier Sigaud, Sorbonne University, France
10:45-11:30	Title: Heart sound classification using signal processing and machine learning algorithms
	Yasser Zeinali, Sharif University of Technology, Iran
	Title: Not Yet Received
11:30-12-15	
	Featured Talks
12:15-12:45	<b>Title</b> : Human action recognition using a convolutional neural network based on skeleton heatmaps from two-stage pose estimation
	Qin Zhang, University of Jinan, China
12:45-13:15	Title: Analysis and control for a bioinspired multi-legged soft robot
12:45-13:15	Haojian Lu, Zhejiang University, China.
13:15-14:00	Lunch Break
14:00-14:30	Title: Human-robot interface based on sEMG envelope signal for the collaborative wearable robot
	Bai Chen, Nanjing University of Aeronautics and Astronautics, China
14:30-15:00	Title: Clinical Data Analysis: An Opportunity to Compare Machine Learning Methods
	A. Salcedo-Bernal, University of the Andes, Colombia
	Keynote Talks
15:00-15:45	Title: Big data and machine learning for crop protection
	Kah Phooi Seng, Charles Sturt University, Australia.  Title: Artificial intelligence in education: The three paradigms
15:45-16:30	Title. Attiticial intelligence in education. The tillee paradigms
	Pengcheng Jiao, Zhejiang University, China
	Featured Talks
16:30-17:00	Speaker Slots available
17:00-17:30	Speaker Slots available
17:30-18:00	Speaker Slots available

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	Day 3 (December 03, 2025)
10:00-10:45	Plenary Talks  Title: Bridging multimodal data and battery science with machine learning
	Shuaifeng Lou, Harbin Institute of Technology, China
10:45-11:30	Title: A machine learning based global simulation data mining approach for efficient design changes  Liu Yusheng, Zhejiang University, China
11:30-12:15	Speaker Slots available
	Featured Talks
12:15-12:45	Speaker Slots available
12:45-13:15	Speaker Slots available
13:15-14:00	Lunch Break
14:00-14:30	Speaker Slots available
14:30-15:00	Speaker Slots available
15:00-15:30	Speaker Slots available
15:30-16:00	Speaker Slots available
16:00-16:30	Speaker Slots available