

Detailed conference program			
Day 1 - Wednesday October 30, 2024			
Wednesday, 30 October 2024	Link 1st day		
	9:00 - 9:30	Opening ceremony: Christelle BAHIER-PORTE, Jean Monnet University	
	9:30 - 10:30	Plenary 1 : Mohamed BAKHOUYA, International University of Rabat Title: IoT, Blockchain, Big Data Technologies and Predictive Analytics to enable the Development of Cyber-Physical Systems Chair: Ahmed NAIT SIDI MOH	
	10:30 - 10:45	Break	
	10:45 - 12:30	Session 1	Chairman: Hedi HADDAD
		Title	AI Fundamentals
		<p>Paper 1 - Sebastián Cardona-Acevedo, Lucía Palacios-Moya, Gustavo Adolfo Moreno-López, Sergio Gómez-Molina, Alejandro Valencia-Arias and Jackeline Valencia: Research trends in the use of recommender systems and artificial intelligence techniques in E-commerce</p> <p>Paper 2 - Wadia El Kadmiri, Asmaa Benghabrit, Ahmed Nait Sidi Moh and Mariam Moufaddal: Survey of Industry X.0 paradigm for sustainable and smart warehouse management</p> <p>Paper 3 - Myriam Benfares, Marie-Isaline Bontemps and Lamia Berrah: Encouraging the Ethical Use of Artificial Intelligence: Risks and Recommendations across four Business Sectors</p> <p>Paper 4 - Nardine Hanfi and Mohamed Hedi Riahi: Sarcasm Detection Revisited: Reproducing and Comparing Top-performing Techniques on a Standardized Dataset: Sarcasm Detection</p>	
		Lunch	
	14:15 - 16:00	Session 2	Chairman: Jaafar GABER
		Title	AI and Quantum Computing
		<p>Paper 1- Eider Garate, Paul San Sebastian, Guillermo Valverde, Alejandra Ruiz and Meritxell Gómez: Variational Quantum Regression on NISQ Hardware with Error Mitigation</p> <p>Paper 2 - Rishi Agrawal: On Adaptive Verification of Quantum States</p> <p>Paper 3 - Nafaa Jabeur: Quantum K-Nearest Neighbor Approach for Seatbelt Monitoring System</p> <p>Paper 4 - Mohamed Salama, Amir Ali and Hassan Soubra: Analyzing the Effect of Sensor Resolution on Quantum Reinforcement Learning Control: A Cartpole Case Study with Optical Sensors</p>	
		Break	
	16:20 - 17:40	Session 3	Chairman: Edgar ALFONSO-LIZAZAZO
		Title	AI and Education
		<p>Paper 1 - Mohamed Hedi Riahi, Mohamed Malek Gritli, Lotfi Ncib and Mohamed Anis Ben Lasmer: Integrating LLMs and RAG techniques into mathematics learning for engineering students</p> <p>Paper 2 - Thanh Phong Cao, Thuy Huong Do, Quoc Thinh Duong and Thanh Hoang Nguyen: AI in Higher Education: Does AI Fear Hinder Learning</p> <p>Paper 3 - Mohamed Hedi Riahi, Mohamed Hachicha, Mohamed Aziz Omezine, Lotfi Ncib and Mohamed Khalil Zghal: Recommendation Module Based on Web Scraping and LLM Models with the RAG Technique</p>	

Day 2 - Thursday October 31, 2024			
Thursday, 31 October 2024	Link 2nd day		
	9:00 - 10:00	Plenary 2 : Viencent AUGUSTO, Mines Saint-Étienne Title: Hospital Digital Twins: scientific and technological challenges Chair: Nafaa JABEUR	
	10:00 - 10:20	Break	
	10:20 - 12:00	Session 4	Chairman: Filippo GRASSIA
		Title	AI and Healthcare
		<p>Paper 1 - Oumaima Boukhokh, Elhoucine Chakir El Alaoui: Handling Emergency Patients into Elective Surgery Scheduling: A discrete-event systems based approach</p> <p>Paper 2 - Brad Niepceron and Filippo Grassia: Enhanced brain tumor classification with convolutional spiking neural networks</p> <p>Paper 3 - Devis Bianchini and Michele Melchiori: A Blockchain-Based Approach for Sustainable and Intelligent Traceability in Local Agri-Food Supply Chains</p> <p>Paper 4 - Amjad El Khatib and Ahmed Nait Sidi Moh: Automated Severity Classification for Patient Triage Using a Multilayer Perceptron model in Emergency Departments</p>	
		12:00 - 14:00	
	14:00 - 15:30	Session 5	Chairman: Samia GAMOURA
		Title	AI: Applications I
		<p>Paper 1 - Anas Al Rawi, Nafaa Jabeur and Raja Waseem Anwar: Generative AI-Based Tool for Brute Forcing IoT Devices' Default Credentials</p> <p>Paper 2 - Uday Venkatadri, Deepa Raj, Claver Diallo and Abdelhakim Khattab: Estimating the Throughput of a Closed-Queuing Network Production System using Machine Learning</p> <p>Paper 3 - Joao Martin-Saquet, Adrien Dorise, Edouard Villain, Stéphane Sanchez and David Panzoli: Sequential Decision-Making in Atari 2600 Games: Comparing Temporal Feature</p>	
		15:30 - 15:40	
	15:40 - 17:10	Session 6	Chairman: Lahcen TAMYM
		Title	AI: Applications II
		<p>Paper 1 - Enmar Khalis and Ali Al-Humairi: On the Development of an Algorithmic and Data Augmentation approach to Improve the Maintenance of Photovoltaic Solar Panels</p> <p>Paper 2 - Meriem Soula, Bacem Mbarek, Aref Meddeb: On the Development of an Algorithmic and Data Augmentation approach to Improve the Maintenance of Photovoltaic Solar Panels</p> <p>Paper 3 - Hassan Rouane, Souâd Tayane, Mohamed Ennaji, Jaafar Gaber: Generative Design and Topology Optimization software: Performance and Usability analysis</p>	
		17:10 - 17:25	
17:25 - 17:30		End of the conference	