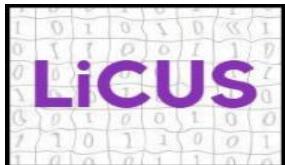




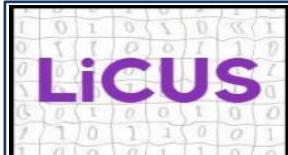
Morning of Day 1: 03/12/2025	8:00 8:30	Opening Ceremony and Registration
	Session 1: Chairs: Pr Laid KAHLOUL and Pr Hammad BENNOUI	
	8:30 9:30	Invited Talk: Pr. Nadjib LAZAR. Paris Saclay, Paris. Declarative Constraint Programming for Pattern Mining: Evolution, Challenges, and Opportunities
	9:30 10:00	Coffee break
	Session 1 — Machine Learning, Pattern Recognition & Intelligent Systems	
	10:00 10:30	#12: Early potato disease detection using spectral imaging and machine learning techniques: a review Author: Serine Amina BENHACINE
	10:30 11:00	#52: An Ontology-Driven Deep Learning and SVM Framework for Context-Aware Human Behavior Recognition Author: Nadia AGTI
	11:00 11:30	#58: Thermal Image Classification for Overheating Prevention in High-Voltage Equipment Author: ayoub MAAROUF
	11:30 12:00	#31: Self-embedding Fragile Image Watermarking Based on CRT and Enhanced AMBTC Author: Wassila BELFERDI
	12:00 12:30	#7: Automated Corrosion Classification based on Deep and Handcrafted Feature Extractors Author: Salah Eddine AGAB
	12:30 13:00	#8: Language Identification from Speech: Study the Influence of Emotions Types and Speech Features Using a DNN and SVM as classifiers Author: Houari HORKOUS
	13:00 13:30	#9: Harris-OSNet-Kalman Method for Multi-Object Tracking and Re-Identification Author: Houda MENIGHED
	13:30 14:00	Lunch Break



Afternoon of Day 1: 03/12/2021	Session 2: Chairs : Pr Hamid SERIDI and Pr Salim CHIKHI	
	Session 2 — Optimization, Metaheuristics & Smart Systems Engineering	
	14:00	#22: Multi-Objective GRASP Based on the Pareto Dominance Approach for the Bi-Objective CDS Problem
	14:30	Author: Hayet DAHMRI
	14:30	#53/55: A Whale Optimization Approach for Base Station Mobility in Clustered Wireless Sensor Networks/An Adaptive Whale Optimization-Based Clustering Scheme for Enhanced Coverage in Wireless Sensor Networks
	15:00	Author: Malha MERAH
	15:00	#20: Deep Learning–Driven Dynamic Algorithm Selection for Continuous Black-Box Optimization
	15:30	Author: Besma HEZILI
	15:30	#38: Octopus Classifier: A New Bio-inspired Classifier Based Minimal Spanning Tree
	16:00	Author: Abdesslem LAYEB
	16:00	#13: Context modelling for Intelligent Transportation Systems: Concepts, Approaches, and Applications
	16:30	Author: Abir NEMOUCHI
	16:30	#18: Towards an MDA-Based Approach for Managing Variability in Microservices
	17:00	Author: Rostom MAMADJI
	17:00	#46: A Comprehensive Survey and Taxonomy of Autoscaling Techniques in Cloud and Edge Environments
	17:30	Author: Mohammed Islem SID EL MRABET
	17:30	Coffee break
	18:00	



Morning of Day 2: 04/12/2025	Session 3: Chairs : Dr. Said BRAHIMI and Lamia YESSAD	
	8:30	Invited Talk: Dr. Hichem TALBI, Constantine 2 University, Algeria.
	9:30	Quantum Computing: from Principles to Practice – Exploring Applications, Opportunities and Challenges
	9:30	Coffee break
	Session 3 — Cybersecurity, Intrusion Detection & Embedded System Resilience	
	10:00	#37: Graph Retrieval-Augmented Generation for Automated Extraction and Classification of Medical Claims Author: Chakib AMRANI
	10:30	#64: Modeling and Evaluating Self-Repair in FPGA-Based UAV Embedded Systems Author: Mohamed Sedik CHEBOUT
	11:00	#54: Integrating Intrusion Detection Systems into Smart Grid Co-Simulation for Enhanced Cybersecurity Author: Dalila ANSRI
	11:30	#10: A Hybrid GNN-LLM Framework for Correlating Cybersecurity Incidents. Author: Lina BAHÀ
	12:00	#29: Intrusion Detection In IoT Using Machine Learning Techniques:Latest Trends And Current Challenges Author: Mohamed Salah MAZZI
	12:30	#65: UG-NET: An Integration of U-Net and GRU for IoT Intrusion Detection Author: Moufida AIBECHE
	13:00	#32: FireAI: A Framework for Dynamic Firewall Policy Generation using Generative Artificial Intelligence Author: Amine RAHMANI
	13:30	Lunch Break



Afternoon of Day 2: 04/12/2025	Session 4: Chairs : Pr. Mourad MAOUCHÉ and Dr Hichem TALBI	
	Session 4 — AI Foundations, Federated Learning, Cloud Intelligence & Data Governance	
	14:00	#16: FedTier: A Tiered Client Selection approach for Efficient and Fair Federated Learning Author: Oussama Akram BENSIAH
	14:30	
	14:30	#25: Towards Optimized Retrieval-Augmented Generation: A Comprehensive Survey. Author: Wissam AMAR
	15:00	
	15:00	#19: Enhancing Cybersecurity through Artificial Intelligence: Foundations, Challenges, and Perspectives Author: Rafika BOUTAGHANE
	15:30	
	15:30	#63: Advancing Fake News Detection Robustness through Data Augmentation with Gemini LLM Using Deep Learning and Transfer Learning Models Author: Amina MZAAD
	16:00	
	16:00	#45: Medical Visual Analytics with XAI for Exploring Personality Traits in Multi-Drug Addiction Author: Wafia ABADA
	16:30	
	16:30	#30: A Secure and Decentralized Architecture for Medical Data Management in IoMT Using Blockchain and IPFS Author: Abdessalam MESSIAID
	17:00	
	17:00	#49: Adaptive Event-Triggered Backstepping Neural Control for Fractional-Order Strict-Feedback Systems Author: Islam DAOUDI
	17:30	
	17:30	Closing Ceremony
	18:00	