

Conference Program

Day 1: September 23 rd		
Time	Content	
08h00 – 09h00	Guests welcoming	
09h00 – 09h45	Opening Ceremony	
09h45 – 10h45	Keynote speech Beyond Automation: Reimagining the Role of the Algerian Educator in an LLM-Driven Ecosystem (Prof Ahmed GUESSOUM)	
10h45 – 11h00	Coffee Break and Poster Session (paper ids= 7, 9, 17, 35, 40, 47, 53)	
11h00 – 12h30	Session 1	Session 2
	Deep Learning-Based Semantic Compression for Medical Imaging (Saida LEMNADJLIA)	Toward Human-Centric Industrial IoT: A Survey of Brain-Computer Interface Integration Challenges from Industry 4.0 to Industry 5.0 (Abdelkarim BOUCHIHA)
	Semantic Segmentation of DARPA LAGR Terrain Using U-Net (Samira BENADDANE)	Class-Weighted Federated Learning for Imbalanced Multi-Class Intrusion Detection in IoT Networks with Mutual Information Feature Selection (Billel MEGAOUIB)
	New Image Encryption Scheme Using Dynamical Systems (Asmaa BOUDALI)	Adaptive Encryption in the Internet of Medical Things: A State-of-the-Art Review (Fatima Zohra AMARNI)
12h30 – 14h00	Lunch Break	

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Time	Content	
14h00 – 15h30	Session 3	Session 4
	Sliding-Window Lifecycle Analysis of Stable Periodic-Frequent Crime Hotspots (Ilyes HAMIMID)	Arabic Dialect Identification on Social Media: A Review of Datasets, Models, and Emerging Trends (Mohammed MAATI)
	Intelligent Edge Storage Management through Mobile File Popularity Assessment and Prediction (Khawla BEKKOUCHE)	Semantic Annotation of Arabic Text A Pipeline Centric Review (Anes Abdelouahab MAHAMMEDI)
	Season-Aware Mining of Gradual Periodic Patterns for Smart-City Crime Hotspot Analysis (Ilyes HAMIMID)	Skyline Drones: A Deep Learning Platform for Drone-Based Crop Disease Detection with Explainable AI and Expert Advisory System (Nadjlaa BENHALIMA)
15h30 – 15h45	Coffee Break and Poster Session (paper ids= 62, 71, 84, 85, 86, 88, 89)	
15h45 – 17h15	Session 5	Session 6
	Real-Time Safety Helmet Detection in Industrial Environments: A Controlled Comparison of YOLO11s and YOLO26s (Fatima BELLAHSENE)	From Dark Patterns to Social Influence: A Framework for AI Literacy (Rofida DJABER)
	Feature Representation and Adversarial Robustness in Vehicle-to-Grid Intrusion Detection (Abdelhak BAHRI)	Deep Learning Based Intrusion Detection for DrDoS Attack Classification: A Comparative Study (Racha Ikram HAKIKI)
	Towards Multi-Species Livestock Behavior Classification Using Embedded Machine Learning: Model Design and Offline Experimental Validation (Orkia DERKAOU)	State of the Art: AI-Driven Agriculture 4.0 (Mohamed DERKAOU)

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Day 2: September 24 th	
Time	Content
09h00 - 10h00	Keynote Speech Flexible, Adaptive, Contextual, and Multi-tasking: The New Paradigms for Ambient AI (Prof Abdelouahab MOUSSAOUI)
10h00 – 10h15	Coffee Break
10h15 – 11h45	Session 7
	GSO-based Cloud Task Scheduling: A Glider Snake Optimizer Approach for Makespan Minimization (Lylia HADDADJ)
	Hybrid LLM-Guided Bio-Inspired Feature Selection for High-Dimensional Medical Diagnosis (Bouchra Yamna ZEKRAOUI)
11h45 – 12h15	Deep Learning for Pneumonia Detection from Chest X-Rays: A State-of-the-Art (Abdelkrim TABTI)
	Ending Ceremony

Poster to be presented according to their ids:

Paper ID	Title	Presenter
7	MIND-META: A Monitoring-Based Adaptive Strategy for Non-Stationary Multi-Agent Collaboration	Abdelkader Seif El Islem RAHMANI
9	Deep Learning-Based Secure Orchestration for Reconfigurable Manufacturing Systems under IoT Attacks	Ikram RAHMANI
17	A Two-Level Genetic Algorithm for Recall-Oriented pCR Prediction in Breast Cancer	Cheimaa BENTADJ
35	Securing Intelligent E-Health Systems with Blockchain: Challenges and Research Roadmap	Fatima Zohra KHARROUBI
40	Federated and Deep Learning for Advertising Fraud Detection: A State-of-the-Art Review	Hadjer BOUROUMEID
47	AI for Mental Health Detection: A Comparative Study	Zohra SELLAM
53	Responsible Generative AI in Education: A Critical Review and a RAG-Based Learning Analytics Framework	Mohamed Sedik CHEBOUT
62	Quantifying the Critical Phase in Quantum Image Pipelines: A Comparative Study of FRQI and NEQR under QFT and Grover Transformations	Abdeldjalil HANI
71	Understanding Non-IID Data Heterogeneity in Cross-Silo Federated Learning for Medical Imaging: A Survey of Taxonomy, Challenges, and Mitigation Strategies	Kaddour BELHADI
84	Development of an Autonomous System for UAV Swarms	Youcef BENDIMERAD
85	Digitizing the past for preactive care: Deploying archival data and a heterogeneous ensemble architecture for early warning systems in communicable diseases	Abdelwaret BEKKOUCHA
86	A Review on Formal Verification of Embedded Systems Using Frama-C	Chahrazed ZOUAGHI
88	Algerian Darija in the Era of Natural Language Processing	Rym OTMANI
89	Certainty-Aware Dermoscopic Skin-Lesion Classification with Grad-CAM Localization and Human-Review Triage	Fatma DEHBI