13th INTERNATIONAL CONFERENCE ON NEW TECHNOLOGIES, ARTIFICIAL INTELLIGENCE AND SMART DATA

13th Edition
INTIS
2025
2025
28-29 November
ENSET MOHAMMEDIA - Morocco

Conference Program

Fariday 28 NOVEMBER 2025

08:30 – 09:30	OPENING CEREMONY
08:30 – 09:00	Welcome & Registration
09:00 – 09:30	Welcome speech from the Conference Chairs

09:30 –10:30	

Chairman : **A. RATTROUT**

Plenary 1 - Pr. Mohamed Adel ALIMI - National Engineering School of Sfax, Tunisia, *"Deep Learning for Parkinson's Disease Detection from Handwriting "*

10:30 –11:00	COFFEE BREAK

11:00 –13:00	SESSIONS

SESSION 1:	Artificial Intelligence, Machine Learning & Data-Driven System

Chairmans : **A. MARGHOUBI**

Time	Presentation
11 :00 – 11 :20	**A Workflow-Guided Log Analyzer Agent Using Large Language Models for Explainable Threat Detection** Yasser Hmimou, Mohamed Tabaa, Zineb Hidila and Azeddine Khiat.
11 :20 – 11 :40	**AI advancement for medical imaging: A review of Transfer learning, Meta-learning and Meta-Transfer learning approaches** Imane Samir and Rachida Fissoune.
11 :40 – 12 :00	**Exploring Gut Microbiome Patterns Associated with Autism Spectrum Disorder Using Machine Learning** Nouhaila En Najih and Ahmed Moussa.
12 :00 – 12 :20	**A General-Purpose AI System for Structured Resume Screening Using Transformer-Based NLP** Tarek Zidan and Rashid Jayousi
12 :20 – 12 :40	**Forecasting Indoor CO_2 for Smart Campus Air Quality Management Using LLM-Enriched Metadata Clustering and Deep Neural Time-Series Models** Mossab Batal, Sanaa El Filali, Hassna Bensag and Youness Tace
12 :40 – 13 :00	**Graph Neural Network-Based Prediction of SPARQL Queries Energy Consumption and Execution Time** Wafae El Kaysouni and Ahmed Rabhi.

13:00 –14:30	LUNCH BREAK

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14:30 –15:15

Chairmans : M. YOUSSFI

Plenary 2 - Pr. Yassine MALEH, National School of Applied Sciences of Khouribga, Morocco

"Cybersecurity 2.0: How Generative AI is Redefining Digital Defenses "

15:30 –17:30 — Long Papers

SESSION 2 : *Robotics and Intelligent Systems*

Chairmans : M. TABAA / R. FISSOUNE

SESSION 3 : *IoT, Edge Computing and Smart Environments*

Chairmans : H. BENSAG / A. EL BOUZIRI

Time	SESSION 2	SESSION 3
15 :30 - 15 :50	**A Smart Digital Twin-Integrated Edge-to-Cloud Framework for Real-Time Predictive Maintenance in Industry 4.0** Fatima-Ezzahra Labchiri, Adnane Bouchra, Zineb Hidila, Ayoub Fentis, Fabrice Monteiro, Abdelhafid Ait Elmahjoub and Abdennasser Amana.	**Collaborative Robotic Assistance for Tool Organization and Waste Removal** Soufiane Ameur, Mohamed Hamlich and Mohamed Tabaa.
15 :50 - 16 :10	**Digital filtering for SNR enhancement in LoRa communications: a comparative study of FIR and IIR approaches** L'Houssaine Aarif, Khadija Ahaidous, Hanaa Hachimi and Fabrice Monteiro.	**Digital Twins as a Strategic Driver for Smart Cities: Challenges, Opportunities, and Technologies** Mohamed Gamal, Mohamed Tabaa, Houda Mouttalib, Azeddine Khiat and Mohamed Youssfi.
16 :10 - 16 :30	**Smart indoor localization for LoRa networks: an optimized KNN approach** L'Houssaine Aarif, Khadija Ahaidous, Hanaa Hachimi and Abbas Dandache.	**An Intelligent Software-Engineering Process from the Perspective of Complex-Adaptive, Distributed, Multi-Agent Systems: A Palestinian-Heritage Case Study** Amjad Rattrout, Dima Abujaber, Yasmin Kmail, Mais Zaid and Rafat Amarneh
16 :30 - 16 :50	**Multi-Access Edge Computing Architecture: An Analytical Review of Edge paradigms, Data Confidentiality and Security Considerations** Saad Bahnini, Sara Ibn El Ahrache and Hassan Badir.	**Visitor Tracking Model using Ants Colony Behavior – Ants Tracker** Amjad Rattrout, Rasha Assaf, Eman Karajah, Muath Sabha and Rashid Jayousi.
16 :50 - 17 :10	**Quantization-Aware Convolution-Attention Networks for Edge-Based Smart-Home Energy Forecasting** Mouad Bhih, Mohamed Lamane, Zouhair Elamrani Abou Elassad, Hajar Siti and Abdelhakim El Boustani	**An Autonomous Hybrid Quantum Classical Framework for Multi-Agent BRWA Optimization: Proposition Framework** Nouhaida El Aziz, Hassan Badir, Mohammed Mestari and Aziz Oukaira.
17 :10 - 17 :30		**LLM-Based Query Routing in Polyglot Database Systems: A Comparative Evaluation** Khadija Ahaidous and Hanaa Hachimi.

Time	Event
17:30 –17:45	BEST PAPER AWARD - AZEDINE BOULMAKOUL PRIZE -
17:45 –18:15	CERTIFICATE CEREMONY
18:15 –18:30	COFFEE BREAK