

Accepted Posters for IDEAS'2025

Steering Committee

June 10, 2025

List of posters by authors

1. **Inference on Extended Dow's Fire and Explosion Index, experimentation on reliability of gas processing plant**
Nassima AISSANI ep BOUAMRANE, Zahra Djemai, Université d'Oran 2
2. **R2G-ETL: A Tool for a Complete Mapping of Relational Databases to Graph Databases**
Abdelkrim Boudaoud, Houari Mahfoud (University of Tlemcen)
3. **Bio Driven Facial Mark Detection: Robust Celebrity Identification**
Souad Khellat-Kihel (University of Sciences and Technologies Mohamed-Boudiaf)
4. **State of the Art on Graph-based Nutritional Recommendation Systems**
Didoune Nadia, Sad-Houari Nawal, Reguieg Hicham (University of Science and Technology of Oran Mohammed Boudiaf)
5. **On the Smooth Development of Agile AI-Compliant Knowledge-Intensive Software Applications**
Nasreddine Aoumeur (USTO, Computer Science Department)
6. **LLMs and Cybersecurity: applications, efficiency, and challenges**
Nassiba Abderrahim (ENSTTIC)
7. **Hybrid approach for analyzing user behavior based on web content and usage**
Souad Moufok (USTO-MB)
8. **Deep Learning Advancements in DDoS Attack Detection: A Review of Recent Studies**
Ourdighi Asmaa (USTO-MB)
9. **Cloud IaaS for Medical Analysis: A Virtual Machine-Based Approach**
Moussaoui Nabil, Dennai Abdeslam (Tahri Mohamed University of Bechar)

10. **AI Processing Simulation Data for Predictive Insights in Composite Blade Analysis**
Kharbouch Hayet, Benali Abdelali, Bendaha Yesma (University of Oran Mohamed Boudiaf), Hamid Azzedine (Center Nour Bachir, El Bayadh, Algeria)
11. **Multi-Objective Optimization for Complex Systems and Data Quality Management in Edge Computing Frameworks**
Nawal Zahaf, Khaled Belkadi, Latifa Dekhici (USTO)
12. **Enhancing Cybersecurity: Machine Learning Approaches for Predicting DDoS Attack**
Noura Abdnaim, Bensaid Chaima (Khemis Meliana University)
13. **Nanotechnology and Artificial Intelligence in Cancer Treatment**
Amel Fedol (Faculté de Médecine, Université d'Ahmed Ben Bella Oran1)
14. **A Hybrid Deep Learning Framework for Medical Image Segmentation**
Meriem Zeboudj (USTO MB)
15. **Study of Water Consumption in Oran Neighborhoods Using Machine Learning**
Abdelkadir Fellague, Latifa Dekhici (USTO), Khaled Guerraiche (Higher School of Electrical and Energy Engineering of Oran)
16. **Drone Presence Detection in Wireless Network**
Asmaa Ouessai (USTO)
17. **AlBCFood: Blockchain based Tracking and Verifying Agricultural Products in Algeria**
Khemaissia Roufaida (LAMIS, Echahid Cheikh Larbi Tebessi University, Tebessa), Djeddai Ala (ElTarf University)
18. **An MFU-based Approach for Data Quality Management in NoSQL Document-Oriented Databases**
Aicha Aggoune (LABSTIC Laboratory, University of 08th May 1945)
19. **Modeling Weather Forecasting Using Interval Markov Chains**
Salah Eddine Semati (Laboratory of Signals Analysis and Systems, University of M'sila)
20. **Node Embeddings for Community Detection in Multiplex Networks: A Survey**
Randa Boukabene, Fatima Benbouzid-Si Tayeb (ESI)
21. **Quantitative Analysis of Hidden Cracks Using SV-EMAT Signals and LS-SVM Regression**
Houssam Boughedda (University of Jijel)

22. **Optimized Approach for Power Transformer Diagnosis: Integration of Dissolved Gas Analysis and Machine Learning**
Boudjella Fatima Zohra (University of Ain Temouchent), Boudjella Souhila (University of Mascara), Brahami Mohamed Nadjib, Brahami Mostefa, Khe-lifi El Mabrouk, Messafeur Radjaa (University of Sidi Bel Abbes), Bousmaha Imen (ESSA-Tlemcen)
23. **AI in Blockchain-Based Food Supply Chain Systems: Enhancing Transparency, Traceability, and Security**
Ilyas Ziaya, Brahim Farou, Zineddine Kouahla, Hamid Seridi (8 May 1945 University, Guelma)
24. **Collaborative Business Process: A Formal Verification and Validation**
Hanane Ouair (Biskra University)
25. **Extraction des routes avec la méthode hybride Morpho-ConvNext basée sur le Deep-learning**
Abdelali Benali (USTO-MB)
26. **Data Visualization Tools in Mental Health Informatics**
Dahane Imene (NCCSA2024), Abdelkrim Mebarki (USTO-MB), Sarra Samra Benharrats (Oran 1)
27. **SafeCypher: A Tool for Expressive and Fine-Grained Access Control for Graph Data**
Adil Bereksi , Houari Mahfoud (University Abou Bakr Belkaid Tlemcen)
28. **Using Moments Invariants for Multi Mobile Robot**
Soumia Boudra (University of Mostaganem)
29. **Large-Scale Customer Feedback Analysis via a Kafka Pipeline and Pre-Trained Transformers**
Mohammed el Amin Gasbaoui, soumia benkrama, mostefa bendjima, Sofiane Abden (Tahri Mohammed University, Bechar)
30. **Biometric identification through iris image processing**
hadjer daoudi(université de tlemcen)
31. **Deep Learning-Based White Blood Cell Segmentation, Soraya Nasser (ESSBO)**