

Scientific Program

November 26th	
08:30-09:00	Registration
09:00-09:40	OPENING ceremony
09:40 – 10:40	Plenary session Quality, Complexity and Modernization: The Challenges of Software Engineering. Kenynote : Pr. AOUAG Sofiane Chairs: Pr. SIAM Abderrahim, Pr. HAMOUMA Moumen, Pr. MOKHATI Farid and Pr. BENDJENNA Hakim
10:40-11:30	Coffee break and poster session Chairs: Dr. CHERGUI Ouahid, Dr. MALIK Mohamed Mahdi, Dr. MEHALAINE Ridha and Dr. TIOURA Abdelhamid
	SEMMADI Nacereddine Data Privacy In Hierarchical CPS Networks
	BOUCHAMI Ramla AI-based approach for minimizing energy consumption in CPS
	BOUZAHER Abdelaziz Le mécanisme de "Self Attention" et le traitement des modèles de sequence
	NECIBI Khaoula Optimizing hvac system during non occupancy periods
	LAASSAMI Feriel Vers un nouveau mécanisme de coordination pour les systèmes multi-agent basé sur une approche métaheuristique
	LOUAFI Bilal AI based knowledge Management : A Review of AI techniques, Applications, and Challenges
	HASROURI Nor Elhouda Leveraging YOLOv8 and MediaPipe for Real-Time Multi-Person 3D Pose Estimation
	ZEROUAL Salima Ontology-based Business Intelligence tools: a Systematic Literature Review Methodology
	OUCIF Abdelkarim Les métas heuristiques pour l'organisation dynamique des systèmes multi agents
	agents thèse
Oral session	
Track 01: Chairs:	



Dr. SUIDI Mohamed Elhabib , Pr. Hedjazi Djalel , Pr. BENABOUD Rohallah and Dr. HOCINE Riadh

N°	Timing	Communicant	Title of the communication
01	11:30– 11:50	Samra SABEG	Formal model for the design of multiagent systems
02	11:50– 12:10	Nabila AZERI	Combining Split Learning with Local Differential Privacy for Fault Prediction in Resource-Constrained Cyber-physical Systems
03	12:10-12:30	Dhaya-Eddine MESSAOUDI	Conception of a neural model for the translation of natural languages
12:30-13:30		Lunch	

Track 02

Chairs:

Dr. ABBES Faycel, Dr. DJEZZAR Meriem, Pr Boutekkouk Fateh and Dr. MENASSEL Rafik

04	13:30– 13:50	Zahia BENAMOR	Intrusion Detection System using ML to secure IoT environment
05	13:50– 14:10	Chouaib MAAROUK	A Survey of Multi-Agent Organisations and Organizational Models: Highlighting the Major Contributions.

WORKSHOP

Chairs:

Dr. LEDMI Abdeljalil and DR. REHAB Hichem

14:20– 17:00		Multi-agent coordination via Netlogo platform Keynote: Dr. SOUIDI Mohamed El Habib	
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November 27th

Track 03

Chairs:

Pr. ZIANOU Ahmed Seghir, Dr. BEKHOUCHE Abdelali, Dr. BELGROUNE Ibrahim and Dr. BEZZA Youcef

01	08:30– 08:50	Bochra Guerroudj	The Importance of Semantic Interoperability in Multi-Agent Planning: Towards Effective Coordination of Autonomous Systems
02	08:50–09:10	Mohamed Madani HAFIDHI	Knowledge representation of interoperable cyber physical systems based on deep reinforcement learning
03	09:10– 09:30	Youcef FOUGHALI	Survey on Multi-Agent Systems Design Aspects
04	09:30– 09:50	Samir SAFIR	A Multi-Agent Organizational Approach for Real-Time Course Timetable Scheduling
05	09:50– 10:10	Amel SEKKIOU	Fault tolerant aware scheduling on IoT systems

Coffee break

Track 04

Chairs:

Dr. MECHRAOUI Khalil Dr. BOUSSALEM Mohamed Dr. BENATHMANE Mohamed and Dr. CHOUHAL Ouahiba

06	10:40– 11:00	Nawal CHEMINI	Semantic interoperability in blockchain-EHR based system
07	11:00– 11:20	Khedidja MEKHILEF	Techniques avancées d'augmentation de données pour améliorer la détection de défauts dans l'industrie
08	11:20– 11:40	Nadia HOGGAS	Implementing Quality 4.0 in Quality Problem-Solving Approaches: Challenges and Opportunities



Track 05

Chairs:

Dr. MARIR Toufik Dr. Messaoudi Nabil, Dr. Ledmi Mekhlouf

09	11:40– 12:00	Adil BOUGUERRA	Bridging The Communication Gap: A computer Vision Approach to Translating Sign Language
10	12:00-12:20	Imane ZERRAZA	Lightweight Authentication protocols for IOT Edge Devices
11	12:20-12:40	Zinelabidine TEYAR	MUSIQ for VR: No-Reference Image Quality Assessment Using Multi-scale Transformers
12	12:40-13:00	Ayoub BOUHEROUM	CA-BRS for the Contribution to the specification and formal analysis of Medical cyber-physical systems

Closing ceremony and lunch

- Plenary Lectures (1 hour including debate)
- Oral Communication in person (20 min each including debate)
- Poster Session (during the first coffee break)