





ICEIS'2024 Final Program

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Program At-a-Glance:

	First Day: Wednesday, June 26 th , 2024		
08:30 to 09:30	Opening Ceremony		
09:30 to 10:30	<p style="text-align: center;">Keynote talk by Prof. Abderrahmane Lakas</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Title: “Future Autonomous Mobility and the role of AI perspective and challenges”</p>		
10:30 to 10:45	Coffee break and Poster session		
10:45 to 11:45	<p style="text-align: center;">Keynote talk by Prof. Abbes Amira</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Title: “Artificial Intelligence for smart and sustainable cities”</p>		
12:00 to 13:30	Lunch break		
13:30 to 15:30	Parallel Sessions (Online and Onsite)		
	<p>Onsite session 1: <i>Dr. BENMOUSSA Ahmed & Dr. Rachid Benahcene</i></p>	<p>Onsite session 2: <i>Dr. Oussama Azzouzi & Dr. BOUTELLAA Elhocine</i></p>	<p>Onsite session 3: <i>Dr. SELLAM Abdallah & Dr. Meftah ZOUAI</i></p>
	<p>Online session 1: <i>Dr. TURQUI Abderrahmane & Dr. Tahar Bendouma</i></p>	<p>Online session 2: <i>Dr. BAYOUD Mouhssin & Dr. Tahar Allaoui</i></p>	<p>Online session 3: <i>Dr. SAADAoui Yahia & Dr. Mohamed ElHabib Maicha</i></p>

	15:00 to 16:00	Coffee break and Poster session
	20:30 to 21:30	Dinner
	21:30 to 23:30	Multidisciplinary Panel session Panelists: Prof. Abderrahmane Lakas, Prof. Abdou El Karim Tahari, Prof. Laid Kahloul, Prof. Nasreddine Lagraa, Prof. Makhoul Derdour
Second Day: Thursday, June 27 th , 2024		
	09:00 to 10:00	Keynote talk by Dr. Younes Guellouma  Title: "Trends in deep learning"
	10:00 to 10:15	Coffee break and Poster session
	10:15 to 11:15	Keynote talk by Prof. Abdelkader Laouid  Title: "The impact of IoT on the AI revolution"
	11:15 to 12:00	Closing ceremony
	12:00 to 17:00	Lunch and social event

Detailed program:

Onsite Session 1	Topics: Networking, optimization, and security	Date and Time: Wednesday, June 26 th , 2024 13:30 to 15:30
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	<p>1) « The Walking Palm Tree algorithm: A new Metaheuristic Algorithm for Solving Optimization Problems » By: <i>Dr. Farouq Zitouni</i></p> <p>2) « Improved Vegetation Cover Classification using Remote Sensing Images and Spectral Indices: Case Study of Mecheria in Southwestern Algeria » By : <i>Dr. Nezha Farhi</i></p> <p>3) « Supervised Machine Learning For Detecting Drop Attack in UAV Ad-hoc Network » By : <i>Dr. Neciri said</i></p> <p>4) « Parameter Tuning of ADRC Controller for Electrode Wire Feed System Using a Fuzzy Algorithm » By : <i>Dr. Mohammed HADDAD</i></p> <p>5) «A survey on machine learning techniques for semantic image and video annotations» By: <i>Dr. Laib Lakhdar</i></p> <p>6) «Paludism Diagnosis Using Deep Learning » By: <i>Dr. Fadia Baissi</i></p>	
<p>Onsite Session 2</p>	<p>Topics: Data analytics and comparative studies</p>	<p>Date and Time: Wednesday, June 26th, 2024 13:30 to 15:30</p>
	<p>1) « Advancing Education: Hybrid Recommendation Systems for Best-Fit Student Domain Matching» By: <i>Dr. Aouadi sarra</i></p> <p>2) « AI-Based Prediction for Glucose Levels: A Comparative Study of Machine Learning and Deep Learning Approaches» By : <i>Dr. Amani othmane</i></p> <p>3) « Medical Images Semantic Segmentation Using Deep Learning: A Survey» By : <i>Dr. Lahreche Ferialle</i></p> <p>4) « Data-Driven Decision Support System for Analyzing Student Engagement in Learning Analytics» By : <i>Dr. Talbi Omar</i></p> <p>5) « Electromyography-based Hand Gesture Recognition System » By : <i>Dr. BOUTELLAA Elhocine</i></p> <p>6) « Applications of artificial intelligence in economic fields and their implications for Food security -Wheat production in Algeria as a model- » By : <i>Dr. Salah BENZIAN</i></p> <p>7) « Datasets building for Arabic harmful online content: survey» By: <i>Dr. Fatiha Charef</i></p>	
<p>Onsite Session 3</p>	<p>Topics: Advanced machine learning solutions and applications</p>	<p>Date and Time: Wednesday, June 26th, 2024 13:30 to 15:30</p>

	<p>1) « Advancing Fire Detection: A One-Stage Object Detection Approach Using YOLOv5 and YOLOv8 Models » By: <i>Dr. Cheknane Maroua</i></p> <p>2) « ADAN-Driven Tuberculosis Diagnosis: A Deep Learning Approach for Chest X-Rays » By : <i>Dr. Hadda Cherroun</i></p> <p>3) « Enhanced deep learning based on Fusion data to diagnosis malignancy Thyroid tumour » By : <i>Dr. Bennadji Ziad</i></p> <p>4) « Paludism Diagnosis Using Deep Learning » By : <i>Dr. Fadia Baissi</i></p> <p>5) « An LSTM-based System for Dynamic Arabic Sign Language Recognition » By : <i>Dr. Slimane Oulad-Naoui</i></p> <p>6) « Breast cancer image classification using DenseNet201 and AlexNet based deep transfer learning » By : <i>Dr. BENHASSINE Nasser edinne</i></p> <p>7) «AI-Guided Rocket Landing: Navigating Precision Descent Strategies» By: <i>Dr. Meftah ZOUAI</i></p>
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Online Session 1	Topics: Networks and security	Date and Time: Wednesday, June 26th, 2024 13:30 to 15:30
	<p>1) « Evaluating Sensor-Derived Data Quality for IoT-based Temperature Monitoring » By: <i>Dr. Youcef BELHADJI</i></p> <p>2) « Efficient attack mitigation using queueing theory applied on Cloud-IPS » By : <i>Dr. TEBOUB Islem</i></p> <p>3) « Enhancing Precision Agriculture through Drone-Assisted IoT Sensor Data Collection » By : <i>Dr. Mabrek Zahia</i></p> <p>4) « A Reinforcement Q-Learning-based Resource Sharing Mechanism for V2X slicing Networks » By : <i>Dr. SAIDI Anas Nawfel</i></p>	
Online Session 2	Topics: Transfer Learning solutions	Date and Time: Wednesday, June 26th, 2024 13:30 to 15:30

	<p>1) « YOLOv8n-seg for plants disease Detection and Instance Segmentation » By: <i>Dr. Mahamed Abdelmadjid ALLALI</i></p> <p>2) « Machine Learning-Based Tomato Yield Prediction » By : <i>Dr. M'hamed Mancer</i></p> <p>3) « Machine learning models to help cardiovascular diseases classification » By : <i>Dr. Khaoula Oueldji</i></p> <p>4) « Skin Cancer Detection: Using Deep Learning and Transfer Learning Techniques » By : <i>Dr. Djekoun Rami</i></p>	
<p>Online Session 3</p>	<p>Topics: Advanced machine learning solutions and applications</p>	<p>Date and Time: Wednesday, June 26th, 2024 13:30 to 15:30</p>
	<p>1) « Sentiment Prediction for Social Information Retrieval: A Comparative Study of Machine Learning and Deep Learning Approaches » By: <i>Dr. BOUBEKEUR Aicha</i></p> <p>2) « Word Embedding-based Topic Modeling » By : <i>Dr. Bellaouar Slimane</i></p> <p>3) « A Personalized Restaurant Recommendation System Using ML-TOPSIS Approach » By : <i>Dr. Chemlal Maroua</i></p> <p>4) « Enhancing Efficiency and Performance of Photovoltaic Systems through Deep Learning Machine Integration » By : <i>Dr. Khaled Belhouchet</i></p>	