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Dr. S. Kharoubi	President	UIK, Tiaret
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Dr. A. Siabdelhadi	Member	UIK, Tiaret
Dr. H. M. Meghazi	Member	UIK, Tiaret
Dr. K. Mostefaoui	Member	UIK, Tiaret



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Dr. T. Mahrouz	Member	UIK, Tiaret
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**JAIA'25 WILL BE HELD IN THE  
FACULTY OF MATHEMATICS AND  
COMPUTER SCIENCES, TIARET.**



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## CONTEXT

Artificial Intelligence (AI) is increasingly emerging as a disruptive technology, profoundly transforming methods of production, analysis, decision-making, and interaction across virtually all sectors. As major technological powers accelerate their investments in AI, Algeria is seeking to position itself strategically to harness the benefits of this digital revolution. In this context, the Study Days on Artificial Intelligence in Algeria, held on May 6–7, 2025 in Tiaret, aim to bring together researchers, students, institutional stakeholders, and industry professionals to engage in a shared reflection on the opportunities, challenges, and future prospects that AI represents for the country. This event aspires to foster interdisciplinary dialogue, strengthen synergies among key players in the field, and promote an integrated Algerian vision for the development of artificial intelligence.

## TOPICS AND KEY AREAS

### AI INFRASTRUCTURE

Focus on Technologies and Data Processing and Storage Needs to Support Artificial Intelligence Systems.

### DATA AND DATA ANALYSIS

An In-depth Analysis of the Importance of Data Quality and Management for the Development of AI Applications.

### AI APPLICATIONS

Case Studies and Perspectives on the Current and Future Applications of Artificial Intelligence in Various Sectors.

MINISTRY OF HIGHER EDUCATION  
AND SCIENTIFIC RESEARCH  
IBN KHALDOUN UNIVERSITY – TIARET  
FACULTY OF MATHEMATICS  
AND COMPUTER SCIENCE



[LRIAS] ARTIFICIAL INTELLIGENCE  
AND SYSTEMS RESEARCH LABORATORY



أيام دراسية حول الذكاء الاصطناعي في  
الجزائر: فرص، تحديات و آفاق

**JAIA'25**

**STUDY DAYS ON ARTIFICIAL INTELLIGENCE  
IN ALGERIA: OPPORTUNITIES, CHALLENGES,  
AND PERSPECTIVES**

**MAY 6-7, 2025, TIARET**

### HONORARY PRESIDENTS

**Pr. B. Belgoumane**, Rector of Ibn Khaldoun University Tiaret

**Dr. A. Larabi**, Dean of the Faculty of Mathematics and Computer Science

### CHAIR OF THE DAY

**Pr. B. Mebarek**, F.M.I, Ibn Khaldoun University Tiaret



# 1<sup>st</sup> Day Program

## TUESDAY, MAY 6, 2025

08:00 – 09:00	<ul style="list-style-type: none"> <li>Participants Welcome</li> </ul>
09:00 – 09:30	<ul style="list-style-type: none"> <li>Opening of the <b>JAIA'25 Days</b></li> <li>Speech by the Day's Chair, <b>Pr. B. Mebarek</b></li> <li>Speech by the Rector, <b>Pr. B. Belgoumane</b></li> </ul>
Session 1: Moderator <b>Pr. Mebarek Bendaoud</b>	
09:30 – 10:30	<p>استعمال نماذج اللغات الضخمة وتعليم المعالجة الآلية للغات - نماذج تجريبية في خدمة التربية والتعليم</p> <ul style="list-style-type: none"> <li><i>Using Large Language Models and Teaching Natural Language Processing – Experimental Models in the Service of Education and Learning, <b>Pr. A. Guessoum</b>, ENSIA – National Higher School of Artificial Intelligence</i></li> </ul>
10:30 – 11:00	<ul style="list-style-type: none"> <li>Coffee Break</li> </ul>
11:00 – 12:00	<ul style="list-style-type: none"> <li><i>How to Establish a Pedagogy for the Use of AI in Teaching and Research, <b>Pr. A. Zanoun</b>, ENS Of Mostaganem</i></li> </ul>

12:00 – 14:00	<ul style="list-style-type: none"> <li>Lunch</li> </ul>
Session 2: Moderator <b>Dr. Sahraoui Kharoubi</b>	
14:00 – 14:45	<ul style="list-style-type: none"> <li><i>Deep Learning in Smart Agriculture: Current Trends and Future Directions, <b>Dr. Y. Guellouma</b>, University of Laghouat</i></li> </ul>
14:45 – 15:30	<ul style="list-style-type: none"> <li><i>BCI Systems Security Issues and Counter measures, <b>Pr. C. Kerrache</b>, University of Laghouat</i></li> </ul>
15:30 – 16:00	<ul style="list-style-type: none"> <li>Coffee Break</li> <li>Poster Presentations</li> </ul>
16:00 – 17:00	<ul style="list-style-type: none"> <li>Debate</li> <li>Closing of the First Day</li> </ul>

# 2<sup>nd</sup> Day Program

## WEDNESDAY, MAY 7, 2025

Session 3: Moderator <b>Dr. Mustapha Maasakri</b>	
08:30 – 09:15	<ul style="list-style-type: none"> <li><i>From Data to Knowledge: Challenges and Contributions of AI, <b>Pr. K. Sehaba</b>, University of Mostaganem</i></li> </ul>
09:15 – 10:00	<ul style="list-style-type: none"> <li><i>Quantum Artificial Intelligence, <b>Pr. A. Zanoun</b>, ENS Of Mostaganem</i></li> </ul>

10:00 – 10:30	<ul style="list-style-type: none"> <li>Coffee Break</li> <li>Poster Presentations</li> </ul>
Session 4: Moderator <b>Dr. Hocine Aid</b>	
10:30 – 11:00	<ul style="list-style-type: none"> <li><i>Presentation of the LRIAS Lab, <b>Dr. M. A. Daoud</b>, University of Tiaret</i></li> </ul>
11:00 – 11:30	<ul style="list-style-type: none"> <li><i>AI Applications: Case Studies and Perspectives on Current and Future Applications of Artificial Intelligence in Different Sectors, <b>Dr. A. Chikhaoui</b>, University of Tiaret</i></li> </ul>
11:30 – 12:00	<ul style="list-style-type: none"> <li>Debate</li> <li>Reading of the Reports &amp; Recommendations</li> <li>Honors Ceremony</li> <li>Closing of the Event</li> </ul>

# JAIA'25

## STUDY DAYS ON ARTIFICIAL INTELLIGENCE IN ALGERIA: OPPORTUNITIES, CHALLENGES, AND PERSPECTIVES

Laboratoire de Recherche en Intelligence Artificielle & Systèmes



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