NATIONAL ONLINE CONFERENCE

NOVEMBER 17TH, 2024

The Integration of Artificial Intelligence into Algerian Higher Education and Scientific Research: Opportunities and Challenges

**General Supervisor
The Dean of the Faculty**

Honoray Chair
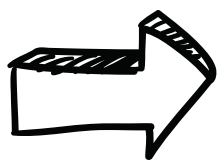
Presidents

Prof.Abdelkader Zerrouki

Prof. Ammar Benabed

Dr.Amina Abdelhadi   &   Dr. Naima Sahli

Contact Us
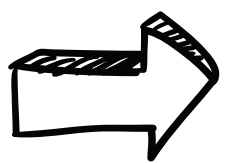
ainteleducationconf@gmail.com

CONFERENCE THEME

In the dynamic landscape of education and scientific research, Artificial Intelligence (AI) has emerged as a pivotal force with transformative potential, promising to revolutionize knowledge acquisition and application. AI has the potential to address several pressing challenges in the educational sphere, empower teaching and learning through innovative practices, and advance equitable quality education across levels (Miao and Holmes, 2023). Similarly, emerging advancements in generative AI tools have offered unprecedented opportunities to enhance teaching methodologies and accelerate scientific discovery. However, alongside these transformative possibilities come several critical considerations.

Recent studies investigating the integration of AI tools, such as Chat-GPT and others, into education highlight its potential benefits, including improved programming skills, making predictions, academic writing support, and processing datasets. Nonetheless, concerns about its limitations, such as hallucination effects and security issues, persist (van Dis et al., 2023; Deng & Lin, 2022). Furthermore, questions arise regarding the ethical use of AI tools and their impact on educational practices, necessitating ongoing research and discussions (Javaid et al., 2023). Berger and Francesca's study (2022) emphasizes that there is always room for improvement, especially in tech ethics, which extends beyond just technological solutions. Ethical work requires ongoing learning, reflection, and adaptation to new challenges. It involves being self-aware of gaps and assumptions, sharing lessons, receiving feedback, and addressing issues proactively. In the same line of thought, empirical and conceptual research is urgently required in order "to demonstrate the efficacy and accuracy and to ensure that human agency in understanding the real world through research will not be undermined by the use of AI tools" (Miao and Holmes, 2023. p. 29).

As we navigate the complexities of AI integration, it is crucial to equip educators and learners with the necessary skills for responsible usage while upholding principles of human intelligence and critical thinking (Dergaa et al., 2023). By fostering dialogue and addressing ethical concerns, we may ensure that AI technologies contribute positively to education and scientific inquiry; hence, it is even more provocative to establish conventions and standards for the application and the implementation of Generative AI in education (Watkins, 2023).

References

Berger, E.S. & Francesca, R.(2022). Addressing neuroethics issues in practice: Lessons learnt by tech companies in AI ethics. Neurovio,110(n/a).2051-2055. DOI: /10.1016/j.neuron.2022.05.006

Deng, J., & Lin, Y. (2022). The benefits and challenges of ChatGPT: An Overview. Frontiers in Computing and Intelligent Systems, 2(2), 80-83.DOI: 10.54097/fcis.v2i2.4465

Dergaa, I., Chamari, K., Zmijewski, P., & Ben Saad, H. (2023). From human writing to artificial intelligence generated text: examining the prospects and potential threats of ChatGPT in academic writing. Biology of sport, 40(2), 615–622. DOI: 10.5114/biolsport.2023.125623

Javaid, M., Haleem, A., Singh, R. P., Khan, S., & Khan, I. H. (2023). Unlocking the opportunities through ChatGPT Tool towards ameliorating the education system. Bench Council Transactions on Benchmarks, Standards and Evaluations, 3(2), 100-115. DOI: 10.1016/j.tbench.2023.100115

Miao, F., & Holmes, W. (2023). Guidance for generative AI in education and research. Retrieved from https://unesdoc.unesco.org/ark:/48223/pf0000386693.

van Dis, E. A. M., Bollen, J., Zuidema, W., van Rooij, R., & Bockting, C. L. (2023). ChatGPT: five priorities for research. Nature, 614(7947), 224–226. DOI: 10.1038/d41586-023-00288-7

Watkins, R. (2023). Guidance for researchers and peer-reviewers on the ethical use of Large Language Models (LLMs) in scientific research workflows. AI and Ethics, 1-6.

➡ CONFERENCE OBJECTIVES

This national conference endeavours to connect researchers who are particularly interested in sharing critical ideas on integrating and debating AI in education and scientific research. Therefore, it aims to:

1. Share successful case studies and experiences to inform effective AI integration strategies.
2. Address Challenges to AI adoption and explore solutions to ensure widespread access and implementation.
3. Provide practical knowledge and resources to enable effective utilization of AI tools in diverse educational and research contexts.
4. Promote discussions on ethical frameworks to guide responsible AI use in education and research.

➡ CONFERENCE TRACKS

Prospective participants are encouraged to strengthen the provision of theoretical foundations as well as the technical/practical guidelines beyond the existing research.. Topics of interest deal with, but are not limited to the following:

1. Teachers' and Students' Visions of AI and the Future of Education: Understand perspectives on AI's role in education to inform implementation strategies.
2. AI Impact on Educational Curriculum Design and Course Content Creation: Explore how AI can personalize learning experiences and enhance curriculum design.
3. AI and Rethinking Student Assessment Strategies: Investigate AI-driven assessment tools for comprehensive and fair evaluation of student learning.
4. Ethical Considerations and Implications for AI in Scientific Research: Discuss ethical frameworks to ensure responsible AI integration in research practices.

SCIENTIFIC COMMITTEE

PRESIDENT OF THE SCIENTIFIC COMMITTEE

PROF. MOHAMED HEMAIDIA   IBN KHALDOUN UNIVERSITY OF TIARET

MEMBERS OF THE SCIENTIFIC COMMITTEE

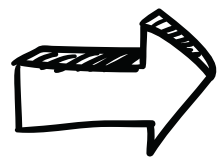|	
PROF. MELOUK MOHAMED	SIDI BEL-ABBES UNIVERSITY
PROF. FAWZIA B. BENAISSI	SIDI BEL-ABBES UNIVERSITY
PROF. BAKHTA ABDELHAY	MOSTAGANEM UNIVERSITY
DR. GHLAMALLAH HEMAIDIA	IBN KHALDOUN UNIVERSITY OF TIARET
DR. KHALED BELARBI	IBN KHALDOUN UNIVERSITY OF TIARET
DR. YOUCEF BENAMOR	IBN KHALDOUN UNIVERSITY OF TIARET
DR. YACINE MOULAY HACENE	IBN KHALDOUN UNIVERSITY OF TIARET
DR. MOKHTARIA LAHMER	IBN KHALDOUN UNIVERSITY OF TIARET
DR. LOUIZA BELAID	IBN KHALDOUN UNIVERSITY OF TIARET
DR. NAIMA BOUKHELIF	IBN KHALDOUN UNIVERSITY OF TIARET
DR. LEILA BELKAIM	IBN KHALDOUN UNIVERSITY OF TIARET
DR. CHERIFA BENKADDOUR	RELIZANE UNIVERSITY
DR. SAMIA MOUAS	BATNA 2 UNIVERSITY
DR. ATHINA BOUKHELOUF	BATNA 2 UNIVERSITY
DR. LAKHAL BENCHAA	RELIZANE UNIVERSITY
DR. AHMED MAHDAOUI	IBN KHALDOUN UNIVERSITY OF TIARET
DR. HABIB MADANI	IBN KHALDOUN UNIVERSITY OF TIARET
DR. WALID MOKHTARI	IBN KHALDOUN UNIVERSITY OF TIARET
DR. DJILALI MOURI	IBN KHALDOUN UNIVERSITY OF TIARET
DR. DJILALI BELAIDOUNI	IBN KHALDOUN UNIVERSITY OF TIARET

ORGANISING COMMITTEE

PRESIDENT OF THE ORGANISING COMMITTEE

DR. KHALDIA BOUGHENA   IBN KHALDOUN UNIVERSITY OF TIARET

MEMBERS OF THE ORGANISING COMMITTEE

DR. ALI BERRABAH   IBN KHALDOUN UNIVERSITY OF TIARET

DR. HIBA BENSALAH   IBN KHALDOUN UNIVERSITY OF TIARET

DR. NADIA SARAA   IBN KHALDOUN UNIVERSITY OF TIARET

DR. YOUNES BEHIRA   IBN KHALDOUN UNIVERSITY OF TIARET

DR. LATIFA CHIKHI   MAGHNIA UNIVERSITY CENTRE

DR. ALLEL BILEL FASLA   IBN KHALDOUN UNIVERSITY OF TIARET

DR. GHALEM ABBAR   IBN KHALDOUN UNIVERSITY OF TIARET

DR. MOHAMED AMINE AYADA   IBN KHALDOUN UNIVERSITY OF TIARET

MR. MOSTEFA TOUBIDA   IBN KHALDOUN UNIVERSITY OF TIARET

MISS. MARHOUM RAFIKA   IBN KHALDOUN UNIVERSITY OF TIARET

MRS. ASMA LAKHDAR TOUMI   IBN KHALDOUN UNIVERSITY OF TIARET

MR. MOHAMED DEKKICHE   IBN KHALDOUN UNIVERSITY OF TIARET

MR. MOHAMED ZAHIR TOUAIBIA   IBN KHALDOUN UNIVERSITY OF TIARET

MISS CHAIMA BEKKI   ALGIERS 2 UNIVERSITY

MR. ABDELGHANI HAMDANI   IBN KHALDOUN UNIVERSITY OF TIARET

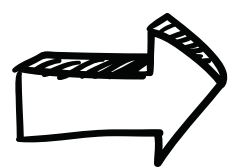MR. YACINE BOUZID GATCHA   IBN KHALDOUN UNIVERSITY OF TIARET

MISS CHAIFAA ADDA SAKRANE   IBN KHALDOUN UNIVERSITY OF TIARET

MR. AIT MECHDAL OUSSAMA   IBN KHALDOUN UNIVERSITY OF TIARET

⇨ IMPORTANT DATES AND GUIDELINES

Abstracts submission deadline: October 17th , 2024.

Notification of acceptance: October 26th, 2024.

Conference day: November 17th , 2024.

Full paper submission: November 30th, 2024.

Conference language: English.

Fees: Free of charge.

Abstracts should be submitted, using the abstract submission form, to the following email address:

ainteleducationconf@gmail.com

Accepted papers will be published in:

Malek Bennabi Journal of Research and Studies
https://www.asjp.cerist.dz/en/PresentationRevue/789

⇨ ABSTRACT SUBMISSSION FORM

- Full Name:
- Rank:
- Affiliation:
- Email:
- Phone number:
- Track:
- Title of the Paper:

- Abstract (250 to 300 words):

- Keywords: