



Abou Bekr Belkaid University – Tlemcen

جامعة أبي بكر بلقايد تلمسان-

Ahmed Zabana University – Relizane

جامعة أحمد زبانه - غليزان-

Faculty of Humanities and Social Sciences – Tlemcen-

كلية العلوم الإنسانية والعلوم الاجتماعية تلمسان-

Laboratories of Civilizational and Literary Studies – Tlemcen-

مخبر الدراسات الفكرية والحضارية - تلمسان-

Research laboratory in Informatics – Tlemcen

مخبر البحث في الإعلام الآلي - تلمسان-

National Public Museum of Art and History of Tlemcen City

المتحف الوطني العمومي للفن والتاريخ تلمسان-

ملتقى دولي حول:

استعمال الذكاء الاصطناعي في مجال البحث العلمي والتعليم العالي في ميدان العلوم الإنسانية بين إمكانيات الحاضر وتطلعات المستقبل

The Use of Artificial Intelligence in Scientific Research and Higher Education in the Humanities Between Present Possibilities and Future Aspirations

L'utilisation de l'intelligence artificielle dans la recherche scientifique et l'enseignement supérieur en sciences humaines

Entre les possibilités du présent et les aspirations de l'avenir

بمناسبة اليوم العالمي للابتكار والابداع

On the occasion of the World Creativity and Innovation Day

ينظم الملتقى: يوم 21 أبريل 2025 بقسم التاريخ - جامعة تلمسان - الجزائر

The conference will take place :On April 21, 2025, in the Department of History - University of Tlemcen- ALGERIA

حضورى أو عن بعد In Person or online

Amidst the rapid technological advancements experienced by the world in recent times, artificial intelligence has become a prominent driver of these transformations. With the proliferation of its applications across various fields, a clear contrast emerges between advocates of adopting these technologies for their benefits and those who warn against their dangers, particularly the exclusion of the human role in a field considered its main driver. Here, the stance of researchers highlights the urgent need to explore the dimensions and impacts of artificial intelligence in the humanities.

Problem Statement: The use of artificial intelligence in the humanities and historical research opens new perspectives for research, understanding, and analysis, but simultaneously raises fundamental questions about the possibilities, challenges, and ethical aspects related to this process. It also prompts us to pose many important questions about the possibilities of coordinating efforts between researchers and institutions to control and use this technology rationally and foster its development. In this context of rapid development and excessive use of technology, does the use of artificial intelligence add to research in the humanities or reduce the role of researchers?

Colloquium Objectives:

- Understand the extent of the capabilities achieved by artificial intelligence and its use in various fields of the humanities.
- Discuss the challenges and ethical aspects related to the use of artificial intelligence in this field.

- Discover the advantages and disadvantages of artificial intelligence, as well as its impact on the different stages of research in the humanities.
- Explore collaboration opportunities between researchers in the humanities and artificial intelligence experts.
- Develop new applications of artificial intelligence used in the fields of the humanities.
- Improve the accuracy and performance of artificial intelligence systems by leveraging human knowledge.
- Promote the responsible use of artificial intelligence in the humanities by establishing clear policies, ethical principles, and laws to regulate its use in this field.
- Support research and education programs in artificial intelligence for the humanities.
- Raise awareness among researchers about the possibilities, challenges, and ethical aspects of artificial intelligence.

Colloquium Themes:

1. Presentation of examples of artificial intelligence applications used in the humanities.
2. Areas of use of artificial intelligence techniques for analyzing documents and texts, and extracting tables and illustrative charts.
3. Machine translation of texts using artificial intelligence.
4. Creation of models and simulations of historical events.
5. Capacity to anticipate the future based on historical data: using historical data and artificial intelligence to predict future developments.
6. Analysis of images and multimedia such as maps, and reconstruction of sites and events in 3D.
7. Ethics of using artificial intelligence in historical research.
8. Managing historical biases in data: discussing the challenges related to biases in historical data and how to address them.

9. Protection of privacy and sensitive data: ensuring the use of artificial intelligence in a manner that respects privacy and personal sensitivities.

10. Potential for collaboration between researchers and institutions in the field of artificial intelligence and the humanities: developing partnerships between academics and technology experts: promoting collaboration between historians and artificial intelligence experts to develop joint research projects.

11. Using artificial intelligence in teaching the humanities: designing interactive educational materials: using artificial intelligence techniques to create interactive and information-rich educational materials.

12. The use of artificial intelligence to detect plagiarism and the creation of legal texts to protect authors' rights in the fields of history and humanities against the misuse of artificial intelligence.

13. The use of artificial intelligence in studying material and immaterial cultural heritage, and archaeological sites.

14. The potential of employing artificial intelligence in archaeology, and enhancing museum services and exhibits.

Important Dates:

- Submission of participation requests by: December 20, 2024 (**It must contain the last name, first name, affiliation institution, nationality, and abstract**).
- Response to participation requests on: December 22, 2024
- Submission of the full paper by: January 31, 2025
- Final response to participants on: February 2, 2025
- The conference will be held on Monday, April 21, 2025, at the Department of History - University of Tlemcen
- Presentations are accepted in Arabic, French, English, and Spanish.

- For any inquiries, contact the following email: historytlemcen13@gmail.com