

**International Conference on
Artificial Intelligence and Digital Humanities: practices, challenges and
future directions**

First announcement

The Information Science and DH division at the Research Center on Scientific and Technical Information is delighted to announce the organization of the International Conference on Artificial and Digital Humanities: Issues, practices and directions. This is an interdisciplinary event that aims at bringing together researchers, scholars and practitioners from all related disciplines to share investigations and experiences in the transformative intersection of AI and DH.

Conference objectives

The rise of AI is revolutionizing research, analysis, preservation, and mediation practices in the humanities and social sciences. At the same time, digital humanities offer fertile ground for experimenting with new tools, methods, and critical perspectives on linguistic, historical, cultural, and heritage data. However, in the Algerian context, as in many Arab, African and Mediterranean countries, local knowledge, heritage corpora, national languages, and forms of thought stemming from the social sciences and humanities remain underrepresented in the major international dynamics of the digital humanities and AI. This first edition of the conference, to be held in Algiers in October 2026, aims to raise awareness and give visibility to the research, practices, and issues specific to these regions. It offers a space for interdisciplinary dialogue between researchers, engineers, heritage professionals, artists, librarians, linguists, and computer scientists to explore together the critical, epistemological, and creative potential of AI applied to the humanities, with a particular focus on countries and communities that are underrepresented in these fields.

- **Topics**

We welcome original research papers, case studies and sharing experiences within the non-exhaustive list of topics below:

Applications and Practices

- AI-driven text analysis and Natural Language Processing in humanities research
- Digital preservation and restoration of cultural heritage using AI
- AI applications in archaeology, history, and archival studies
- AI in creative and cultural practices: literature, art, music, and performance
- Digital storytelling, immersive and interactive experiences (VR/AR, gamification)

Methods and Infrastructures

- Multilingualism and low-resource languages in digital humanities
- Knowledge graphs, ontologies, and semantic technologies for heritage data
- Collaborative platforms and tools for interdisciplinary research

Ethics, Policy, and Perspectives

- Ethical challenges and responsible AI in the humanities
- Policy, governance, and risk mitigation in cultural contexts
- Decolonial AI, local knowledge systems, and inclusive digitization
- Global South perspectives on AI and digital humanities

Participation opportunities

Paper/poster: submission guidelines TBA

Special session: NLP and impact of LLMs for regional low-resourced languages: information TBA.

Demos: demonstration of tools

Panels:

Panel 1: Ethics and Responsible AI in Digital humanities.

Panel 2: Open access, open data and Digital Humanities.

Panel 3: South-south cooperation in AI and Digital Humanities.

Publication and diffusion

- submitted to the main conference and the special session must be written in English. The conference proceedings will be submitted to IEEE.

- Contributions to the panels may be in Arabic, French or English, they will appear in a separate booklet.

Further details regarding participation in the panels will be published later.

Contact: IA-DH2026@cerist.dz