Artificial Intelligence in Digital Humanities

Guest Editor:

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Message from the Guest Editor

This Special Issue focuses on the forthcoming future of artificial intelligence applications in digital humanities, including recent developments ranging from deep and reinforcement learning approaches to recommendation technologies in the extended reality domain. Research areas may include (but are not limited to) the following:

- Advanced, multi-scale, multi-modal and automated digitization;
- Big data approaches in digital humanities;
- From digital to cyber humanities;
- Preventive preservation;
- Climate change and heritage protection;
- Decoding of ancient epigraph marks;
- Deciphering of ancient languages, texts, epigraphs;
- Automatic restoration of lost texts and images;
- Predictive modeling in humanities research;
- Digital resources with open linked data and semantic web capacity;
- Advanced analysis and annotation of artifacts;
- AI approaches in heritage science and physicochemical analysis;
- Authentication, traceability and prevention of illicit trafficking;
- Citizen science, and citizen involvement;
- Extended (virtual, augmented, etc.) reality applications;
- Advanced personalization and recommender technologies;
- Inclusive design

Special Issue