Advanced Technologies in Digitizing Cultural Heritage

Guest Editors:

Dr. Akrivi Katifori

Dr. Angeliki Antoniou

Dr. Areti Damala

Dr. Paraskevi Raftopoulou

Deadline for manuscript submissions:
closed (10 December 2022)

Message from the Guest Editors

Over the last few years, there have been some efforts to allow the exploitation of such repositories, by applying methods for data curation and digitization in order to support the effective access to, exploration of, presentation of and preservation of millions of digital heritage assets.

However, the challenge remains within the domain to conceptualize, design and put into practice new applications that realize the potential for the substantive and meaningful use of digital assets. Advanced technologies need to be coupled with new concepts and experience design paradigms that will promote user engagement with the past through critical reflection and perspective taking, following an inclusive and personalized approach. Current advances in technologies (e.g., linked data, virtual/augmented/extended reality, chatbots and digital storytelling), when combined with fundamental technological fields, such as artificial intelligence and machine learning, create opportunities to explore technological solutions for the use of digital cultural heritage assets. This Special Issue aims to spotlight cutting-edge research in technology-driven cultural heritage.

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us