



## Digital Twins and Extended Reality: Opportunities and Challenges of Integrated Applications

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Deadline for manuscript submissions:

**closed (20 August 2024)**

### Message from the Guest Editors

Dear Colleagues,

The architecture, engineering and construction (AEC) industry and the digital heritage domain are both benefiting from the augmented reality (AR) and virtual reality (VR) revolutions. Architectural representation, along with advanced tools and techniques of digital visualization, enables users to increase the informative value of digital models.

Researchers and architects are increasingly capable of devising complex scenarios, characterised by buildings of high historical-cultural value, along with historical and modern infrastructure, archaeological sites, and museums, and have directed their resources towards innovative processes such as scan-to-BIM, BIM projects, HBIM projects, BIM-to-FEA, CoSim, BEM, InfraBIM, able to digitise and transform simple point clouds (3D survey data) into informative digital models.

Consequently, we invite the submission of articles dealing with innovative approaches and new perspectives, as well as practical applications, addressed to a broad range of professionals working in the fields of documentation, surveying, representation, digitisation, visualisation, interpretation and simulation of complex scenarios.





## Editor-in-Chief

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