



3D Scanning for Heritage Modelling, Virtualization and Musealization

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Cultural, technical, and natural heritage deserve to be preserved as much as possible for future generations in their original condition. However, in their natural location, they are often prone to degradation and damage by external influences or human activity. Modern surveying techniques such as laser scanning and photogrammetry enable the creation of almost perfect digital 3D models of objects of various sizes and shapes. High accuracy of measurement and density of points using these methods, together with high work efficiency, currently predetermine them as the first choice when documenting the shape of an object. Presentation and archiving of heritage objects is important for both movable and immovable objects. Three-dimensional modeling, virtualization, and digital museal archiving allow for instant, accurate, and detailed viewing and exploration, even with remote access.

In this Special Issue, we invite submissions exploring excellent research and recent advances in the fields of cultural, technical, and natural heritage modeling, presentation, and archiving. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers.





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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.

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