Pattern Recognition Systems for Cultural Heritage

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Deadline for manuscript submissions:
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Message from the Guest Editors

Pattern recognition (PR) technologies are already employed in cultural heritage preservation and exploitation. From these fields, two main issues arise:

- The information contained in digital representations of physical objects (scanned documents, scanned artifacts, maps, digital music, etc.) is not easy to exploit, and advanced pattern recognition analysis is required.
- The production of digital material such as augmented reality, cultural heritage games, robotics applications, etc. requires innovative techniques and methodologies.

The aim of this Special Issue is to present recent advances in PR and AI for data analysis and representation in cultural heritage, bringing together the works of many experts in this multidisciplinary subject that involves different skills and knowledge, spanning from the study of cultural heritage to the development of PR/AI techniques for cultural heritage analysis, reconstruction and understanding. At the same time, the Special Issue aims to highlight the advances on these topics from a broad perspective, and to stimulate new theoretical and applied research for better characterizing the state of the art in this subject.

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Special Issue

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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