

# Special Issue

## Methodologies and Applications of Image Understanding in Cultural and Artistic Heritage

### Message from the Guest Editors

This Special Issue is dedicated to challenges in terms of methodology and application, that emerge when computational methods are used to study, analyze, and interpret images in the context of art and culture. What does it mean to understand an image? The application of computational methods, such as object detection, segmentation, or classification, to images is usually motivated by the need to solve a particular problem. In the context of computer vision and deep learning, these methods are usually applied to general-purpose image datasets (ImageNet, MS Coco, etc.) or domain-specific image datasets (medical, satellite, traffic, etc.). Images related to art or cultural heritage may also represent another type of domain-specific image dataset. However, understanding an image becomes a much more complex task if we aim to integrate computational approaches of image understanding with the methodological and theoretical frameworks of traditional disciplines dedicated to the study of images in art and culture. This Special Issue invites contributions that address different aspects of image understanding with the common goal of bridging cross-disciplinary gaps.

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### Guest Editors

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### Deadline for manuscript submissions

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# Journal of Imaging

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## About the Journal

### 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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### Editor-in-Chief

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