

# Special Issue

## From Single to Multi Modal Face Analysis and Processing

### Message from the Guest Editors

In recent years, we have witnessed the continuous development of digital imaging devices. In addition to traditional cameras, we now have portable 3D scanners, cheap infrared acquisition devices, high-resolution mobile cameras, etc. The richness in image modalities allows to address complex scenarios where the analysis of faces is made difficult by numerous challenges, such as facial pose changes, partial occlusions, or expression variations. For instance, the 3D shape of faces represents a highly-discriminative cue that can be used for recognition purposes and different other applications. With the recent advent of Deep Learning techniques, and the introduction of large annotated datasets, new solutions have been developed, as well as in the fields of multimodal face modeling and analysis, showing outstanding results, even in the most challenging tasks. This Special Issue is particularly interested in, but it is not limited to, recent advances on face recognition, modeling, and synthesis, from single and multiple image modalities, including, for instance, 3D, infrared, multispectral, videos and traditional photographs.

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### Deadline for manuscript submissions

closed (31 July 2018)



## 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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