



## Automatic Face Recognition

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### Message from the Guest Editor

Dear Colleagues,

Automatic face recognition has a long history in both industry and academia. While some automatic face systems work well in constraint environments with good illumination, high resolution images and cooperating subjects, face recognition in uncontrolled scenarios with unknown illumination, facial expression, face pose and/or occlusion still needs more research. Furthermore, it has been shown lately that open-set face recognition is very far from being deployable.

This special issue targets researchers in the area of automatic face recognition, including 2D and 3D algorithms. While new research in open-set face recognition would be favorable, any of the following topics are welcome:

- Open-set face recognition
- Closed-set face recognition
- Face recognition in the wild
- Face recognition at a distance
- Face clustering
- Face detection
- Facial landmark localization
- Face recognition with convolutional neural networks
- 3D algorithms for face recognition
- Face recognition datasets and evaluation protocols





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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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