

# Special Issue

## Algorithms for Image Reconstruction from Interest Points

### Message from the Guest Editor

In order to understand image contents, image scenes and objects are nowadays often modeled as sets of multiscale interest points presenting informative features and good properties (invariance and robustness), as well as local features encoding their surrounding information. This model allows the potential to achieve a compact descriptive representation of images and has opened successful applications like image matching, image retrieval, image recognition, visual tracking, image editing, etc. Reconstructing an image from its interest points and local features is a means to evaluate not only the quality of the image representation but also the possibility of image hackers could interpreting the content of an image from the descriptors widely used in image and indexing and retrieval systems. However, as there exist various images with the same local descriptor values near the interest points, reconstructing the image remains a challenging task. This Special Issue aims to review the latest research progress in the field of image reconstruction from interest points and their local descriptors.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 October 2023)



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