

# IET Computer Vision Call for Papers

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## SPECIAL ISSUE ON: Local Image Descriptors in Computer Vision

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Local image descriptors are involved in a multitude of relevant computer vision tasks dealing with point correspondences among several images, from registration through detection to classification. This has ensured that local image descriptors remained an evergreen topic through the years, up to the modern solutions and challenges arising from deep learning advances, big data and hardware improvements.

This Special Issue will provide the computer vision community with the opportunity to systematically collect and share the latest developments and trends on this active research field. It will also offer scientists the chance to propose original ideas and uncommon approaches, out of the mainstream ones, and open to unexplored research directions.

### Topics include, but are not limited to:

- Recent advances in local image detector and descriptor design
- Handcrafted vs deep and general data-driven local descriptors
- Time and storage efficient descriptor solutions
- Local image descriptors for large-scale scenarios
- Enhanced matching with statistical and spatial constraints
- Uncommon and innovative applications of local descriptors
- Deep local descriptors interpretation and visualization
- Descriptor evaluation, new benchmark protocols and datasets

Submit your paper to manuscript submission and peer review site via the following link:  
[www.ietdl.org/IET-CVI](http://www.ietdl.org/IET-CVI)

### Proposed publication schedule:

#### Submission Deadline:

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#### Publication Date:

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