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Feature Extraction for Unconventional Visual Sensors or Specific Applications

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Deadline for manuscript
submissions:

closed (15 December 2021)

Message from the Guest Editors

Dear Colleague,

This Special Issue will bring together original and innovative work on visual feature extraction either in images from unconventional visual sensors, or in classical images but for very specific applications for which standard primitives and descriptors are no longer sufficiently efficient, discriminating, or precise.

Submitted papers may focus (but not exclusively) on recent advances in primitive extraction in images from multi- and hyperspectral cameras, thermal cameras, light field or plenoptic cameras, event-based cameras, rolling-shutter cameras, time-of-flight cameras, or even scanners and MRI. In the same way, the work can concern methods for extracting and matching primitives in classical images with innovations justified by a particular application context (3D reconstruction, material characterization, inspection and quality control, specific tasks in robotics, and data fusion with range sensors such as, e.g., LiDAR or MMW radar).

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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