



Bioinspired Computer Vision

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Message from the Guest Editor

The main aim of this Special Issue is to seek high-quality submissions that present and discuss the recent achievements in the development of bioinspired models for solving vision tasks, especially focusing on real-world complex situations and addressing modern benchmarking datasets. The topics of interest include, but are not limited to the following:

- Bioinspired computer vision for motion and stereo analysis
- Bioinspired computer vision for scene understanding
- Bioinspired computer vision for face, gesture, and shape recognition
- Bioinspired computer vision for the real world: Robustness, learning, adaptability, self-assessment, and failure recovery
- Performance evaluation of bioinspired approaches
- Bioinspired computer vision for surveillance and security applications
- Bioinspired computer vision for virtual and augmented reality applications
- Hardware and high-performance implementations of bioinspired approaches
- Bioinspired computer vision and deep learning

Welcome to contribute!

