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Advanced Computer Vision Systems 2023

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Message from the Guest Editors

Computer vision has made remarkable progress in recent years, due to the development of advanced algorithms, deep learning models, and powerful computing resources. The Special Issue primarily addresses issues that arise in the design and deployment of comprehensive computer vision systems. Its scope includes, but is not limited to, the following topics:

- Building vision systems: paradigms, architectures, integration and control
- Vision system applications: systems deployed in real/realistic scenarios
- Robot vision
- Real-time vision systems
- Mobile and wearable vision systems
- Hardware-implemented vision systems
- Vision for the real world: robustness, learning, adaptability, self-assessment and failure recovery
- Vision for autonomous vehicles
- Vision for healthcare and rehabilitation applications
- Vision for surveillance and security applications
- Vision for virtual and augmented reality (VR and AR) applications
- Vision for industrial automation in FoFs



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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