Machine Learning and Image-Based Smart Sensing and Applications

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Message from the Guest Editors

Dear Colleagues,

In recent years, the integration of machine learning techniques with image-based smart sensing has emerged as a powerful paradigm, reshaping the landscape of computer vision technologies and their applications. From healthcare to environmental monitoring, from autonomous systems to augmented reality, the synergy between machine learning and image-based sensing has paved the way for innovative solutions to complex real-world problems. This Special Issue seeks to explore the latest developments and trends in this exciting field, providing a platform for researchers and practitioners to exchange ideas, share insights, and push the boundaries of what is possible with machine learning and image-based smart sensing.

Topics of interest include, but are not limited to

- deep learning
- smart sensing
- image processing
- computer vision
- medical imaging
- healthcare diagnostics
- security and surveillance systems
- multi-modal sensor fusion
- environmental monitoring and sustainability solutions

Special Issue

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Message from the Editor-in-Chief

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