

# Special Issue

## Object Detection in Video Surveillance Systems

### Message from the Guest Editors

Video surveillance systems have become an indispensable tool for enhancing safety and security across various domains. As technology evolves, the ability to extract meaningful information from video data has grown significantly, allowing for the automated detection and identification of potential risks. We invite contributions that address a wide range of topics, including:

- Machine learning algorithms: Novel approaches for object detection, tracking, and anomaly detection.
- Deep learning architectures: State-of-the-art techniques for analyzing video content and extracting relevant features.
- Real-time processing: Efficient methods for processing video data in real-time to enable timely intervention and response.
- Data privacy and ethics: Considerations for ensuring privacy and ethical implications in video analytics systems.
- Applications and case studies: Practical demonstrations of threat recognition systems in various domains, such as public safety, retail, and critical infrastructure.

By highlighting innovative research and practical applications, this Special Issue aims to contribute to the development of safer and more secure environments.

### Guest Editors

Dr. Jesús Ruiz-Santaquiteria Alegre

Prof. Dr. Juan Antonio Álvarez García

Dr. Harbinder Singh

### Deadline for manuscript submissions

30 November 2025



## Journal of Imaging

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## About the Journal

### Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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### Editor-in-Chief

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