Special Issue

Current Challenges and Techniques: Computer Vision, Deep Learning, and Machine Learning for Crime Prevention in Smart Cities

Message from the Guest Editors

Nowadays, surveillance cameras are installed everywhere to monitor human activities and enable object detection,, protection of human assets, and identifying certain actions to prevent crimes and abnormal events. However, the involvement of humans in camera-based monitoring has also risen and is becoming increasingly costly and problematic to intelligently manage. An automatic system for such monitoring of activities will ease the detection and recognition of ongoing events. The main objective of detecting these events is to reduce crime rates and create a more secure and safe environment.

Topics of interest include but are not limited to:

- Computer vision in forensics
- Biometrics for security
- Monitoring of activity, interaction and/or intention from videos
- Egocentric vision for surveillance
- Detection, tracking and recognition
- Activity recognition
- Analysis of abnormal activities
- AI-assisted technologies for security
- Violence detection

Guest Editors

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Deadline for manuscript submissions

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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