

## Special Issue

# Unusual Behavior Detection Based on Machine Learning

### Message from the Guest Editors

Recent advances in pattern recognition and machine learning are leading many fields of Artificial Intelligence. Anomaly detection techniques are used to identify unusual events or abnormal patterns which are often referred to as anomalies or outliers. Detecting unusual behavior using machine learning is also of great use in security, where these abnormal behaviors represent a potential attack. In addition, the vast amount of information that exists today requires an automatic analysis that allows us to discern whether these data follow normal behavior or are altered for some reason. This Special Issue addresses all types of sensor-based techniques designed for detecting unusual behavior using machine learning. Topics include, but are not limited to:

- Pattern recognition
- Unusual behavior
- Machine learning
- Supervised learning
- Unsupervised learning
- Anomaly detection
- Abnormal behavior detection

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### Deadline for manuscript submissions

closed (20 September 2023)



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