Special Issue

Intelligent Sensing Techniques for Detection of Attacks against Public Infrastructure

Message from the Guest Editor

In recent years, we have witnessed a surge in advanced cyberattacks targeting public infrastructure such as Internet of Things (IoT) networks. These attacks involve the use of adaptive phishing toolkits, adaptive malware, and ransomware. This Special Issue delves into the utilization of artificial intelligence and machine learning techniques specifically tailored to detect and mitigate advanced cyber-attacks. The scope of the Special Issue includes:

- AI/ML algorithms that improve detection against advanced cyber-attacks.
- Practical learnings in large-scale applications of AI and ML against advanced cyber-attacks.
- Use of AI/ML for detection of cyber-attacks on Internet of Things (IoT) networks.
- Practical considerations for detection of attacks at scale.
- Challenges in the detection of attacks against IoT networks.
- Cost–benefit analysis of AI/ML techniques used.

For more information, please visit: mdpi.com/si/176340

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Deadline for manuscript submissions

15 November 2025

MDPI

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

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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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