Special Issue

State-of-the-Art of Network Attack Detection and Situation Awareness Analysis

Message from the Guest Editors

The Special Issue aims to showcase the latest advancements in the field of network attack detection and situation awareness analysis. The information revolution has changed the way that we communicate throughout the world, and has drawn unprecedented attention to network security issues. The Special Issue seeks to explore innovative techniques, methodologies, and tools that enhance our ability to detect, analyze, and respond to network attacks effectively. Authors are invited to contribute original research papers and conceptual articles addressing various aspects of network attack detection and situation awareness analysis for the comprehensive evaluation of various elements in the time and space environment of the overall network security. This may include topics such as intrusion detection systems, anomaly detection algorithms, AI-driven approaches, data visualization techniques, threat intelligence integration, and real-time monitoring solutions.   Open for Submissions: www.mdpi.com/journal/applsci/special_issues/580U43 0BM0

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2025)

Applied Sciences

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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