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Advances in Complex Cyberattack Detection

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Deadline for manuscript submissions: closed (1 July 2023)



mdpi.com/si/129816

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to bring together leading academic scientists, researchers and scholars to exchange and share the most recent innovations, trends, and concerns, as well as practical challenges encountered and solutions adopted, in the field of complex cybersecurity threats.

Potential topics include—but are not limited to—the following:

- 1. Cyberattack detection, prediction, and association analysis;
- 2. Malware analysis and vulnerability detection using deep learning;
- 3. Malicious encrypted traffic detection;
- 4. Zero-day cyberattack detection using deep learning;
- 5. Adversarial attack and defense in cyberattacks;
- 6. The construction and reasoning of security knowledge graphs;
- 7. Cyber threat intelligence;
- 8. Research challenges in complex cyberattack detection;
- 9. Novel ideas, algorithms, models, frameworks, and systems for cyberattack detection.

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Dr. Jianyi Liu Prof. Dr. Ru Zhang *Guest Editors*





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Message from the Editor-in-Chief

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