Special Issue

Complex Network Analysis in Security

Message from the Guest Editor

Complex networks are an interdisciplinary field of study that has penetrated biology, social sciences, communication, transportation, cyber security, and many more. Networks are everywhere. They provide important non-trivial clues about the underlying processes that led to their formation. Network analysis helps with assessing the structure and function of complex systems, finding their vulnerabilities, and increasing robustness.Problems related to networks and security are abundant, but so are the tools to solve them. The network science toolbox includes deep learning algorithms, optimization algorithms, generative random network models, percolation analysis, centrality analysis, and many more. Everything that is related to network science and security is in scope, including but limited to:

- Complex networks
- Communication networks
- Transportation networks
- Monitoring optimization
- Cybersecurity
- Threat intelligence
- Malware analysis

Guest Editor

Dr. Rami Puzis

Department of Software and Information Systems Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel

Deadline for manuscript submissions

30 September 2025

MDPI

About the Journal

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Editor-in-Chief

Prof. Dr. Willy Susilo
School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, and other databases.

Journal Rank:
JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q2 (Information Systems)