Special Issue

Cybersecurity Data Science

Message from the Guest Editors

Applying data science methodologies and techniques to network security is becoming a popular trend. In the context of cybersecurity, data can take several and different forms, including security and system logs, network traffic, configuration information, source code, and binaries. Each data type comes with its own challenges and might suggest different methodologies to be applied to it. This Special Issue focuses on cybersecurity data science and aims to represent the most recent innovations in that field. The scope of this Special Issue includes but is not limited to the application of data science to the following fields:

- Malware behavior analytics and detection;
- Network intrusion detection;
- Open-source intelligence processing;
- Security orchestration, automation, and response;
- Automatic vulnerability identification;
- Malware author characterization and identification;
- Digital forensics and incident response;
- Autonomous vehicle technologies security;
- User and entity behavior analytics;
- Next-generation security operation centers;
- IoT security;
- Cloud security;
- Data protection.

Guest Editors

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Deadline for manuscript submissions

closed (7 February 2022)

Network

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About the Journal

Message from the Editor-in-Chief

Network provides full coverage of all topics of interest involved in the networking area. The purpose of this journal is to bring together researchers, engineers, and students from academia and industry to present novel ideas and solid research about the theoretical and practical aspects in the application domains of communications and networks. The primary focus of the journal is on the analysis, modeling, design, simulation, and implementation of networks. This journal will also serve to attract research concerning applying networking architectures and scenarios to emerging research topics such as Internet of Things (IoT), edge computing, distributed ledger technology, among others.

Editor-in-Chief

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