# Special Issue

# Anomaly Detection in Modern Networks

### Message from the Guest Editor

Anomaly detection is concerned with pinpointing data patterns that deviate from their expected behavior. This is a crucial research problem, due to its broad set of application domains, such as anomaly detection problems are posing new challenges in the context of modern network architectures including: Cloud/Fog/Edge computing, Internet of Things (IoT), Network Function Virtualization (NFV), Software Defined Networking (SDN), Multi-access Edge Computing (MEC), and 5G/6G networks. Topics of interest include, but are not limited to, the following:

- Statistical approaches (e.g., time series analysis, signal processing techniques) for anomaly detection in modern networks;
- Machine Learning approaches for anomaly detection in modern networks;
- Novel algorithms for anomaly detection in modern networks;
- Privacy concerns related to the anomaly detection in modern networks;
- Applications of anomaly detection in modern networks;
- Industrial/Realistic case studies of anomaly detection in modern networks.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 April 2023)

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## About the Journal

### Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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