Special Issue

Network Traffic Security Analysis

Message from the Guest Editors

Network traffic security analysis is an essential basis for network security. With the improvement of user privacy awareness and data security requirements, encrypted communication technology and security protocols are widely used in network communication, making traffic encryption a general trend. In addition, network security threats may also exist in the applications and content behind encrypted traffic. Diversified network security threats make network traffic security analysis under encrypted traffic a new key research field. This Special Issue welcomes theoretical studies on network traffic security analysis and the realization of their engineering systems. This Special Issue is focused on but is not restricted to the following areas related to network traffic security analysis:

- Network measurement;
- Network protocol analysis and reverse engineering;
- Encrypted traffic classification;
- Encrypted traffic content identification;
- Encrypted traffic QoS / QoE;
- VPN traffic analysis;
- Anonymous traffic analysis;
- Encrypted malicious traffic identification;
- Adversarial research in network traffic security analysis.

Guest Editors

Prof. Dr. Guang Cheng

Prof. Dr. Shui Yu

Prof. Dr. Yongning Tang

Deadline for manuscript submissions

closed (30 November 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/126254

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)