



Advanced Security Protection Mechanism in Networks

Guest Editors:

Prof. Dr. Hoh Peter In

Department of Computer Science
and Engineering, Korea
University, Seoul 02841, Republic
of Korea

Prof. Youn Kyu Lee

Department of Information
Security, Seoul Women's
University, Nowon-gu, Seoul 139-
774, Korea

Prof. Dohoon Kim

Department of Computer
Science, Kyonggi University,
Yongin 449-701, Gyeonggi-do,
Korea

Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editors

Dear Colleagues,

Various network infrastructures for 4th industrial revolution have been developed and incorporated into our daily lives. In particular, with the recent development of emerging technologies such as edge computing, blockchain, and artificial intelligence, new types of network mechanisms, protocols, and structures are being proposed. Hence, it is required to design advanced mechanisms for securing and protecting sensitive information in modern network systems. Obviously, to ensure better performance in security protection, it is required to improve existing mechanisms by employing the-state-of-the-art technologies such as artificial intelligence, deep learning, and blockchain.

This Special Issue seeks recent results for advanced security protection mechanisms in networks. Submissions should present advances in the theory, design, implementation or analysis of the attack, defense, protection, and verification of recent types of network systems. Technical articles are welcome, but these should be of general interest to an engineering audience.

Prof. Dr. Hoh Peter In

Prof. Youn Kyu Lee

Prof. Dohoon Kim





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)