Recent Advances in Cryptography and Network Security

Guest Editors:

Prof. Dr. Dae-Ki Kang
Machine Learning/Deep Learning
Research Labs, Department of
Computer Engineering, Dongseo
University, Busan 47011,
Republic of Korea

Dr. Jiacang Ho
IAI Labs and Machine
Learning/Deep Learning
Research Labs, Department of
Computer Engineering, Dongseo
University, Busan 47011, Korea

Dr. Dhananjay Singh
ReSESNE Labs, Department of
Electronics Engineering, Hankuk
(Korea) University of Foreign
Studies (HUFS), Seoul 02450,
Korea

Deadline for manuscript
submissions:
closed (31 January 2021)

Message from the Guest Editors

Cryptography and network security focuses on the areas of cryptography and cryptanalysis that include network security, data security, mobile security, cloud security, and endpoint security. The aim of this Special Issue is to cover all aspects of the latest techniques, including their architectures, operations, and the optimization of their systems. Theoretical and practical developments in the implementation and operation of neural networks in network security, the latest technical reviews, and surveys on network security are welcomed. The topics of interest for this Special Issue include but are not limited to the following:

- Public-key cryptography and RSA;
- Adversarial machine learning;
- Pseudo-random number generation in cryptography;
- Machine learning for cybersecurity;
- Artificial intelligence dysfunctions;
- Network security application;
- Biometric authentication;
- Web security;
- System security;
- Malicious software;
- Blockchain technologies;
- Adaptive security;
- Future data security;
- Mobile data security;
- Challenges of cybersecurity;
- Cybersecurity of communication technologies.

Special Issue

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us