Deep Learning for Cyber Security

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Deadline for manuscript submissions:
closed (15 August 2024)

Message from the Guest Editors

In the rapidly changing realities of the digital society and information-based economy, new threats to the users of new technologies are appearing almost constantly. Starting with attempts at phishing sensitive data and online harassment, moving through to economic espionage, identity theft and blackmail, and ending with attacks on the sensitive architecture of the state—it is plain to see that new technologies require more and more extensive areas of cybersecurity implementation. Juxtaposing this with the increasingly sophisticated vectors of attacks (whether software, hardware or human) and the deep social ignorance regarding the threats lurking on the Web, it can be safely said that the development of a defense apparatus against this is of paramount importance.

This Special Issue aims to publish studies on the following areas (although articles may address additional or alternative concerns):

1. Cyber security issues;
2. Deep learning methods for cyber security;
3. Artifcial intelligence in IoT;
4. Industry 4.0 and cyber security.

We look forward to receiving your contributions.

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Special Issue

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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.

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