

Special Issue

Machine Learning for Network Security

Message from the Guest Editor

As cyberattacks grow in volume and complexity, machine learning has been widely adopted to deal with various cybersecurity attacks and malicious behaviors. On the other hand, machine learning models are vulnerable to data pollution attacks. Enhancing network security and achieving robustness of ML-driven network systems are the critical issues in the development of cyberphysical systems. In this special issue, we invite submissions leveraging the power of machine learning to detect various attacks and understand the vulnerability of network systems, exploring cutting-edge machine learning technologies in the field of network security, and addressing the robustness of machine learning models against imperfect training samples in untrusted cyberphysical systems. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers.

Guest Editor

Dr. Wenbo He

Department of Computing and Software, McMaster University,
Hamilton, ON, Canada

Deadline for manuscript submissions

closed (20 August 2023)



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

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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

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