



Advanced Machine Learning Applications for Security, Privacy, and Reliability

Guest Editors:

Prof. Dr. Jiliang Zhang

Dr. Zhaojun Lu

Dr. He Li

Dr. Zukun Lu

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Message from the Guest Editors

With the development of big data, there is a growing need for access control and privacy. Machine learning provides a promising solution to protect user data and detect known and unknown malicious attacks. Thus, advanced machine learning applications have been proposed to address the issues of security, privacy, and reliability in the IoTs. This Special Issue aims to solicit innovative perspectives that focus on two fundamental questions: 1) How can advanced machine learning applications be exploited to address the issues of security, privacy, and reliability? 2) What security, privacy, and reliability concerns the advanced machine learning applications have incurred?

Keywords

- security and privacy in smart city
- advances in machine learning frameworks for intrusion detection
- adversarial attacks against deep neural networks
- reliability in computer vision systems
- advanced machine learning for industrial internet
- machine-learning-assisted side-channel attacks
- security protocols in cyber-physical systems
- trusted computing in machine learning
- advanced machine learning for hardware security





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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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