

## Special Issue

# Advances in Machine Learning Technology in Information and Cyber Security

### Message from the Guest Editors

This Special Issue will focus on cutting-edge research from both academia and industry, and it aims to solicit original research papers with a particular emphasis on the challenges and future trends in cyber security with machine learning applications. Potential topics include,

but are not limited to: Cyber security management in cyber-physical systems using AI;

Security, privacy, and trust issues in cyber-physical systems;

Blockchain-enabled cyber-physical systems;

Utilizing AI technologies for cyber investigation and threat intelligence;

The integration of AI and blockchains for security-critical infrastructures;

Design and optimization of cyber security management systems;

AI and ML for intrusion detection/prevention in sensitive environments;

Trustworthy data collection and processing using intelligent learning techniques;

AI-based cyber security techniques for IoT, IoE, IoH, and IoV;

Cyber security of connected and autonomous vehicles;

Cyber security and AI for digital twins.

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### Guest Editors

Prof. Dr. Ming Hour Yang

Prof. Dr. Vijayalakshmi Murugesan

Prof. Dr. Mercy Shalinie Selvaraj

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### Deadline for manuscript submissions

closed (31 August 2023)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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