

## Special Issue

# AI-Based Solutions for Cybersecurity

### Message from the Guest Editors

AI is having a significant impact on cybersecurity, and there are also concerns related to the security of AI, which include trust in AI, the ethical application of AI, and cybersecurity. AI is able to play a positive role in cybersecurity, aiding in threat anticipation and case summarization, while cybersecurity will be essential to ensure AI's trustworthiness. AI solution is becoming increasingly important in the field of cybersecurity, and it is expected to continue to play a significant role in the years to come. Topics of interest for this Special Issue include, but are not limited to, the following:

- AI-based threat detection;
- Behavioral analytics;
- Cybersecurity automation;
- AI-powered authentication;
- Adversarial machine learning;
- AI in IoT security;
- Cyber threat intelligence;
- AI and cloud security;
- AI-based security analytics;
- Ethical considerations.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 June 2025)



## Electronics

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### Editor-in-Chief

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