Special Issue

Advancements in AI-Driven Cybersecurity and Securing AI Systems

Message from the Guest Editor

The purpose of this Special Issue is to gather original research articles that reflect innovative methods in the following two primary tracks within the intersection of AI and cybersecurity:

- **Track 1: AI for Cybersecurity** focuses on integrating AI to enhance cybersecurity defenses. Relevant areas include AI-driven threat intelligence, intrusion detection systems (IDS), malware analysis, anomaly detection, and cybersecurity automation. This track encourages research that introduces innovative AI applications to meet the complexities of modern cyber threats, optimizing defensive strategies, and enhancing decision-making processes.
- **Track 2: Security of AI** explores the critical challenges of protecting AI systems, including Generative AI, from evolving threats that could compromise their reliability, trustworthiness, and operational stability. This track covers research on adversarial resilience, model robustness, secure training practices, and privacy-preserving AI techniques. It also invites studies on securing Generative AI systems, including large language models (LLMs), which are vulnerable to prompt injection attacks, backdoor exploits, and adversarial manipulations.

Guest Editor

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Deadline for manuscript submissions

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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 guestedited by leading experts in selected topics of interest.

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