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Artificial Intelligence-Enabled Security and Privacy for IoT

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Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editors

AI is currently driving transformations in various fields, including cybersecurity, which is another cross-cutting discipline. However, data protection, data quality and adversarial attacks that exploit vulnerabilities in AI systems are on the rise. AI can also be used to create more sophisticated attacks that trigger an AI arms race between defenders and attackers. To effectively use AI in the cybersecurity domain and address these challenges, novel ideas and effective approaches need to be explored. Measures of different types need to be applied without losing sight of the fact that the basics of software engineering must remain during all phases in the secure software lifecycle. This Special Issue aims to collect contributions by leading researchers both from academia and industry, show the latest research results in the field of IoT monitoring, security and privacy and provide valuable information to researchers as well as practitioners, standards developers and policymakers. Its aim is to focus on the research challenges and issues in IoT security. Manuscripts regarding novel algorithms, architectures, implementations and experiences are welcome.



mdpi.com/si/121321

Special Issue



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Message from the Editor-in-Chief

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