Special Issue

Cybersecurity in IoT and Smart Infrastructure: Perspectives on Emerging Technologies Including AI, Blockchain, and Quantum Computing

Message from the Guest Editors

This Special Issue delves into the multifaceted relationship between cybersecurity and emerging technologies in IoT and smart infrastructure. Al enhances threat detection and response through intelligent algorithms that identify anomalies in vast IoT networks. Blockchain offers decentralized and tamperresistant frameworks that ensure data integrity and secure device interactions. Meanwhile, with its unparalleled computational power, quantum computing disrupts traditional cryptographic methods, necessitating quantum-safe solutions to future-proof cybersecurity. We welcome contributions exploring both the defensive and adversarial implications of these technologies. Topics may include Al-driven cybersecurity solutions for IoT, blockchain-based frameworks for securing smart infrastructure, quantumsafe cryptographic techniques, and the intersection of these technologies in enhancing or undermining security.

Guest Editors

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Deadline for manuscript submissions

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