Special Issue

Generative Artificial Intelligence (AI) for Cybersecurity

Message from the Guest Editors

This Special Issue seeks original, unpublished articles that address recent advances in artificial intelligence with a special focus on generative AI for cybersecurity. Authors are invited to submit manuscripts addressing the development of artificial intelligence and generative models for simulating cyber threats, designing cyber defense, and analyzing cyber forensics. Topics of interest include, but are not limited to, the following:

- Generative models for threat simulation and cyber-attack training;
- Countermeasures and defenses to AI-generated cyber threats;
- Generative AI in cyber forensics;
- Integration of AI with existing cybersecurity frameworks;
- AI-driven threat detection and analysis;
- Generative AI in risk assessment;
- Responsible AI in cybersecurity;
- Adversarial machine learning;
- Generative AI for misinformation/disinformation;
- Deepfake detection and mitigation;
- Content authentication technologies.

Guest Editors

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Deadline for manuscript submissions

31 December 2025

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About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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