

Special Issue

Securing Tomorrow: Human-Centric Security and Privacy in the Fifth Industrial Revolution

Message from the Guest Editor

The Fifth Industrial Revolution will enhance human quality of life and foster sustainable development. With innovations spanning artificial intelligence, the Internet of Things (IoT), and advanced robotics, there is an essential need to re-evaluate cybersecurity and privacy strategies. This Special Issue will underscore the critical importance of security measures that are adaptable, resilient, and designed with human factors at the forefront.

- Development of human-centric security protocols in IoT and smart environments
- Privacy-preserving techniques in AI and machine learning applications
- Cybersecurity strategies for next-generation communication systems
- Risk management and encryption technologies for digital healthcare
- Ethical and policy considerations in the implementation of secure technologies
- Cross-disciplinary approaches for enhancing electronic system security
- Secure human-computer interaction
- Biometrics and identity management systems
- Security frameworks for augmented reality and virtual reality
- Blockchain applications in enhancing privacy and security

Guest Editor

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About the Journal

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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