

Special Issue

Biometric and Cryptographic Techniques and Their Applications in Sensor Data and Network Security

Message from the Guest Editors

This Special Issue aims to bring together cutting-edge research and practical advances at the intersection of biometrics, cryptography, and sensor-driven networks. We invite contributions that address emerging challenges in protecting sensor data and network communications, with a focus on novel algorithms, architectures, and applications that enhance security and privacy. Topics of interest include secure biometric template design, lightweight cryptographic protocols for resource-constrained devices, privacy-preserving authentication frameworks, and real-world deployments in networked sensor environments. Through this collection, we aim to foster interdisciplinary dialogue and provide insights that support the development of secure, reliable, and trustworthy sensor systems.

Keywords

- biometric authentication
- cryptographic protocols
- privacy-preserving techniques
- sensor data security
- network security
- lightweight cryptography
- secure template protection
- Internet of Things (IoT)
- privacy and trust in sensor networks

Guest Editors

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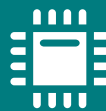
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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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