

Special Issue

AI-Based Security and Privacy for IoT Applications

Message from the Guest Editors

The Special Issue solicits high-quality contributions that focus on the design and development of new technologies, algorithms, and tools to advance explanation and reasoning for AI-powered IoT. **The topics of interest include, but are not limited to:**

- Explainable AI solutions for data collection, management, and analysis in IoT
- Graph Neural Network/Attention-based solutions for data mining in IoT
- Explainable AI solutions for decision making in IoT smart applications
- Explainable incentive mechanism design in collaborative frameworks for sensing/learning/computing in AI-powered IoT
- Graph embedding-based solutions to graph data mining for IoT big data
- Access control and authentication
- Security and privacy of mobile applications
- Data encryption and signature
- Explainable AI strategies to defend security threats in IoT
- Explainable privacy protection methods for IoT data with AI support
- Network resource management schemes for IoT with AI support
- AI solutions for communications in IoT
- AI solutions for fog/edge/cloud services in IoT
- AI solutions for blockchain deployment in IoT
- Knowledge-based AI solutions for data processing in IoT

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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