



Intelligent IoT Systems: Challenges and Opportunities in Sensing, Computing, and Communications

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Message from the Guest Editors

Dear Colleagues,

Potential topics for this Special Issue include, but are not limited to:

1. Reconfigurable network architectures, communication algorithms, and software to enhance decision optimality.
2. Artificial-intelligence-enabled sensing, communication, and network management to improve performance and interoperability.
3. Adaptive cross-layer platforms and optimization solutions for IoT networks with constrained embedded sensors.
4. IoT-assisted digital twins for industrial applications to enhance operational efficiency.
5. Secure data storage and management systems for data protection and authorized access in IoT integrated distributed computing.
6. Robust trust, security and privacy solutions for users, data, IoT devices, and communications.
7. Intelligent intrusion/malware detection and trust assessment systems to reduce algorithmic and programming effort.
8. Tools, software, and frameworks for operational intelligent IoT.
9. Applications and validations of intelligent IoT.
10. Sensing, computing, and communications for social media frameworks and applications.





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Message from the Editor-in-Chief

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