

Special Issue

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

Message from the Guest Editors

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

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

Guest Editors

Dr. A. S. M. Sanwar Hosen

Dr. S. M. Riazul Islam

Dr. Tao Huang

Deadline for manuscript submissions

closed (15 December 2023)



Electronics

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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