Special Issue

Exploring the Synergies between IoT, Edge Computing, Energy Management, the Metaverse, and Deep Learning for Next-Generation Intelligent Systems

Message from the Guest Editors

Submissions are invited on a variety of topics, including, but not limited to, the following:

- Architectural innovations in IoT and edge computing for enhanced energy efficiency and performance.
- Deep learning models for predictive energy management in IoT systems.
- Real-time analytics and decision making using edge computing in smart environments.
- Security and privacy challenges in integrated IoT and edge systems.
- Scalable and energy-efficient solutions for IoT and edge devices.
- Metaverse applications for sustainable energy use, including virtual simulations and training.
- AI-driven user experience and interaction design in the metaverse.
- Sustainability and resource management in the IoT and the metaverse using deep learning.
- Predictive maintenance and operational efficiency in smart cities using the IoT and deep learning.
- Case studies on successful implementations of the IoT, edge computing, and energy management in various sectors.

Guest Editors

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Deadline for manuscript submissions

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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

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