



Recent Advances and Emerging Applications of Internet of Things in Industrial 4.0 Era

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Message from the Guest Editors

At the brink of its first decade of existence, the Internet of Things has penetrated virtually all sectors of our lives and revealed itself as much more than merely a technology. Therefore, its ubiquitous presence requires equally broad analyses that span from vertical domains affecting our daily lives, such as smart cities or homes, to technological aspects related to multiple IoT systems and networks—whilst also being mindful of the threats it brings along and cybersecurity measures to counteract them.

The topics of interest in this Special Issue include, but are not limited to, the following:

1. IoT devices and applications;
2. From smart cities to smart future with IoT systems;
3. The role of IoT in promoting a green world;
4. Security and privacy protection in IoT networks and systems;
5. Traffic modeling in the IoT;
6. IoT networks and systems auditing;
7. Electromagnetic compatibility issues with IoT systems;
8. Advances in medium access control techniques for IoT systems;
9. Advances in routing techniques for IoT systems;
10. IoT in terms of capability, adaptability, and usability.





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Message from the Editor-in-Chief

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