



## Smart Monitoring and Control in the Future Internet of Things

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### Message from the Guest Editors

Dear Colleagues

The Internet of Things (IoT) and related technologies have the promise of realizing pervasive and smart applications. The realization of the full potential of the next generation of the IoT still needs further research efforts concerning, for instance: the identification of new architectures, methodologies, and infrastructures dealing with distributed and decentralized IoT systems; the integration of the IoT with cognitive and social capabilities; the enhancement of the sensing–analysis–control cycle; the integration of consciousness and awareness in IoT environments.

The topics of this Special Issue include, but are not limited to:

- IoT and Cyber–Physical Systems
- Architectures, Methodologies, and Infrastructures for IoT Systems
- Cognitive and Social IoT
- Future IoT
- Smart Computing Technologies and Applications
- Networked Sensing and Control
- Standards and Protocols for IoT
- Cloud, Fog, and Edge Computing for IoT
- Big Data Analytics and Ambient Intelligence
- Consciousness, Awareness, and Artificial Intelligence in the IoT

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Guest Editors

# Special Issue



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## Message from the Editor-in-Chief

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