



The Internet of Things for Smart Environments

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Message from the Guest Editors

Today's communication systems hardly suit the connection of a huge number of (usually battery-powered) IoT devices, including low-power sensors, actuators, smartphones, tablets and robots. Massively distributed into the environment, those devices may generate huge amounts of data, offer computational resources, and cooperate to perform some tasks locally, as well as to delegate their execution to more powerful nodes. In addition to the traditional pull-based data delivery, push-based and publish/subscribe traffic patterns must be supported. Such a complex ecosystem requires proper scalable management platforms and protocols able to dynamically discover and integrate the new IoT devices that might be introduced in the smart environment.

Many research activities are being conducted to address these issues.





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Message from the Editor-in-Chief

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