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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

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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