

Special Issue

Recent Advances in Smart and Pervasive Internet of Things

Message from the Guest Editors

Internet of Things (IoT) applications and services are more and more becoming part of our daily life. Smart homes and building automation, smart transportation, e-health, and smart grid are just a few examples of application domains enabled by IoT that will improve our comfort, safety, and productivity, while also reducing the resource consumption. However, IoT is also a challenging network environment, where billions of heterogeneous devices, sometimes resource-constrained like sensors or actuators, exchange different information and services. In this context, revolutionary networking architectures, such as information-centric networking (ICN) and software-defined networking (SDN), and novel paradigms such as Edge Computing and Blockchain have been recently considered as backbones for IoT applications. This Special Issue aims to present a collection of papers discussing novel architectures and paradigms, protocols, and practical implementations for smart and pervasive IoT.

Guest Editors

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Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

Editor-in-Chief

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