Special Issue

IoT in Smart Cities and Homes, 3rd Edition

Message from the Guest Editors

The Internet of Things (IoT) is a unique domain where various technologies converge to deliver novel high-impact smart solutions across various sectors, including digital health, optimized transportation, predictive maintenance, energy efficiency, and improved environmental sustainability. IoT is a key enabler of current advancements in complex, dynamic, and evolving environments, such as smart homes and large geographical smart city applications. Current advances in IoT capabilities have accelerated creativity and achieved previously unobtainable technological solutions. These novel IoT applications deliver high-impact solutions within society through leveraging a range of key technologies, including smart sensing, long-range and low-power communications, edge computing devices, wearable technologies, cyber security, environmental sensors, big data analysis, machine learning, fog computing, and data science and analysis. This Special Issue of *Applied Sciences* invites submissions that present new ideas, experiments, high-impact advances, and findings related to IoT applications for smart cities and homes.

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Deadline for manuscript submissions

30 December 2025

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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