Internet of Things: Recent Advances and Applications

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Message from the Guest Editors

This Special Issue aims to collate high-quality and original works regarding the recent advances and applications of Internet of Things technology. Potential topics include (but are not limited to) the following:

- IoT massive data sharing and processing via edge AI;
- IoT sensing and networking via semantic communication;
- IoT energy saving via advanced low-power designs;
- IoT coverage optimization via 5G/6G networking;
- IoT interoperability via large-scale models;
- IoT malware detection via deep learning;
- IoT vulnerability identification;
- IoT data poisoning and defense;
- IoT security and privacy via blockchain technology;
- Underwater IoT applications;
- IoT applications in space;
- Experimental IoT prototyping and testbeds.

Special Issue

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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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