Internet of Things and Edge Computing for Future Computer Systems

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Message from the Guest Editors

Computers have enabled historic contributions to the development of human society. The Internet of Things (IoT) has achieved significant advancements recently, leading to the emergence of key applications that have become integral to our daily lives. As an emerging information technology, edge computing has become a new paradigm for solving IoT and localized computing needs and can effectively improve the intelligence level of the Internet of Things.

The Internet of Things and edge computing have achieved promising results in many application scenarios, such as healthcare, unmanned vehicles, vehicle interconnection, mobile e-commerce, video analysis, mobile big data analysis, smart cities and smart homes, bringing revolutionary changes to our daily lives. However, many challenges and potential developments remain, including optimizing edge computing performance, security, interoperability, and intelligent edge operation management services.

This Special Issue aims to promote advanced technologies and applications of the Internet of Things and edge computing. We welcome high-quality submissions that demonstrate insights and experiences in these two domains.

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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