



Advances in Edge and Cloud Computing

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Message from the Guest Editors

Currently, we are witnessing a proliferation of services and applications that are provided at the edge of the Internet. The Internet edge includes traditional access networks, such as wireless local area networks (WiFi), wireless metropolitan area networks (3G, 4G, and 5G), as well as various emerging systems, such as the IoT, smart homes, smart cities, and connected vehicle systems. Although the requirements from edge services and applications are becoming higher and higher, edge devices are still limited in terms of storage size, computation capacity, communication bandwidth, battery life, etc. Recently, the edge computing paradigm, which extends cloud computing to the edge of the Internet, has been proposed to support various services and applications at the edge of the Internet.

In this Special Issue, we invite submissions of original research in various fields closely related to edge and cloud computing, such as fog computing, dew computing, cloudlets, mobile edge computing, multi-access edge computing, edge-computing-assisted intelligence systems, emerging applications with edge computing, IoT systems, smart homes, smart cities, connected vehicles, etc.

