Optimizing the Future: Securing and Streamlining IoT Resource Allocation in the 6G Era with Edge Computing and UAV Integration

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In the dynamic landscape of the Internet of Things (IoT), where sensors, actuators, and devices orchestrate a symphony of data, resource allocation emerges as a critical focal point. Recent strides in IoT, coupled with the pervasive deployment of 6G connectivity in developed nations, have unleashed unprecedented opportunities for ubiquitous sensor device connectivity. The incorporation of edge computing and the integration of unmanned aerial vehicles (UAVs) further extend the boundaries of IoT capabilities, introducing novel dimensions to data processing, analysis, and delivery.

This Special Issue is dedicated to exploring the intricate interplay between IoT resource allocation, 6G connectivity, edge computing, and UAV integration. As the number of sensor devices proliferates and becomes seamlessly connected across diverse networks, the efficient distribution and management of resources becomes imperative. Researchers are invited to contribute high-quality papers presenting innovative solutions and comprehensive evaluations of application-oriented research results.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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