



## Recent Applications of High-Performance Computing

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Deadline for manuscript  
submissions:  
**closed (31 December 2023)**

### Message from the Guest Editors

The future generation of smart settings may be powered by the Internet of Things (IoT), the Industrial Internet of Things (IIoT), and the Internet of Medical Things (IoMT). These devices can transfer the required data through the utilization of wireless technology as well as the cloud computing infrastructure. For this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Novel research on network connectivity and interoperability
- Artificial intelligence-driven IoT system engineering
- Autonomous, adaptive, and reconfigurable systems
- Social community and service discovery method of IoT
- Intelligent workflows for smart environments
- Prediction modeling using data, algorithms, and machine learning
- Pervasive analytics for intelligent systems
- Mobile cloud computing intrusion detection systems
- Evolutionary algorithms for mining smart-network environments
- Vehicular information systems, healthcare information systems, and other
- Trust, security, and privacy issues
- Location-based services
- Advances in blockchain
- Green Industry 4.0
- Urban computing
- Smart healthcare





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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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