Special Issue

Fog Computing Applications in the Internet of Things: Exploiting Computational Intelligence

Message from the Guest Editors

This Special Issue is devoted to collecting papers on novel and efficient computational intelligence solutions for these low-latency and green applications, and novel communication/networking paradigms, in order to meet specific configurability, adaptability, flexibility and energy/spectrum-efficiency constraints. This Special Issue solicits papers that include, but are not limited to the following topics:

- Networked computing architectures and infrastructures for fog computing
- Energy efficient solutions for fog computing
- Joint optimization of distributed communication and computing resource management in fog computing
- Standardization of fog computing architectures
- Machine and deep learning for fog and edge computing
- Fog-enabled social networks of IoT devices
- Isolation, vulnerability and risk analysis for fog over IoT applications
- Cognitive fault detection and diagnosis
- Cyber physical fog-supported IoT systems
- Fog-aided big data streaming
- Vehicular fog computing
- Applications/architectures for fog-IoT-supported industry 4.0
- Description of ongoing research projects on fog-IoT topics
- Field trials and demo

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2020)

Applied Sciences

About the Journal

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.

Editor-in-Chief

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