Special Issue

Self-Organized Computing and Network Management for Intelligent Internet of Things

Message from the Guest Editors

The Internet of Things (IoT) aims to enable ubiquitous wireless connections among various smart sensors, actuators and intelligent controllers, so as to integrate their functions and thereafter provide numerous novel services in both industrial and consumer domains. The goal of this Special Issue is to solicit high-quality scholarly contributions, thereby providing insights and novel solutions in areas including (but not limited to) the following:

- Novel protocols and mechanisms for self-organized access and resource management in IoTs.
- Distributed and federated learning for data processing and networked control in IoTs.
- Impact of self-organization on communication efficiency, data security and service provision in IoTs.
- Game-theoretic mechanism design incentivizing self-organization for resource-constrained IoT applications.
- Self-organized computing for wireless sensor and actuator networks.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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