Special Issue

Reliable Autonomics and the Internet of Things

Message from the Guest Editor

Reliable autonomics systems are embedded with self-management capabilities, including various autonomic properties, aimed at relieving humans from all aspects of system operation and management. This simultaneously provides the system with a foundation to always operate optimally. As the Internet of Things (IoT) continues to grow, devices capable of computation and data transmission are increasingly being deployed across a wide range of technological fields. Due to the extensive use of these devices, manual setup and management can become impractical and inefficient. To overcome this challenge, intelligent mechanisms are needed to enable autonomy, allowing devices and networks to function efficiently with minimal human involvement. IoT networks are typically heterogeneous, distributed, and resource-constrained, requiring new approaches to apply autonomic principles as opposed to traditional methods. As such, this journal invites submission of papers in the field of reliable autonomics and/or IoT solutions.

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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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