Special Issue

Wireless Sensor Networks, Internet of Things and Smart Residential

Message from the Guest Editors

It is almost impossible to visualize any large practical smart system without the Internet of Things (IoT) and, of course, Wireless Sensor Networks (WSNs). IoT helps engineers to design and develop smart systems that perform extremely well compared to conventional ones, in terms of functionality, ease of realization, cost, scalability, reconfigurability and reliability. WSNs are key central building blocks in the smart system that provides a reliable information channel for sensing and actuation at the required locations of the system at a low cost. Internet of Things-empowered WSNs are ordinarily portrayed by their capacity to remotely and unequivocally sense particular information. This empowers creative models of IoT applications that incorporate omnipresent, remote, individual social security checking, indoor and urban air quality mapping and monitoring, wellbeing monitoring of individuals in residences, and a number of extremely useful smart city applications.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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