Special Issue

Energy-Efficient Resource Allocation for beyond 5G and IoT Systems

Message from the Guest Editors

This Special Issue seeks innovative works on a wide range of research topics, spanning both theoretical and systems research, including results from industry and academic/industrial collaborations, related but not restricted to the following topics:

- Energy efficiency using SDN technology
- Energy-efficient user association and beamforming for fog/edge
- Energy-efficient offloading techniques
- Radio access networks
- Energy-efficient resource allocation in NOMA
- Power transfer (SWIPT) non-orthogonal multiple access (NOMA)
- Energy-efficient maximization-oriented resource allocation in ultra-dense networks: Centralized and distributed algorithms
- Energy efficiency in massive MIMO
- Energy-efficient massive access for IoT
- Energy-efficient massive MTC (mMTC)
- Energy-efficient software-defined networking (SDN) and NFV for IoT
- Energy efficiency for social IoT networks
- Energy efficiencyfor IoT networks in smart manufacturing (industry 4.0)
- Energy efficiency using machine learning techniques
- Energy efficiency using games theory

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Deadline for manuscript submissions

closed (31 March 2021)

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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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