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Wireless Rechargeable Sensor Networks 2019

Guest Editor:

Prof. Dr. Chang Wu Yu

Department of Computer Science
and Information Engineering,
Chung Hua University, Hsinchu
City, Taiwan

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Message from the Guest Editor

Wireless sensor networks have attracted a great deal of attention recently due to their various applications in many fields. Due to limited power consumption, these sensor nodes may experience power shortages and thus lead to many problems including network disconnection. Most previous methods focused on providing energy-saving strategies to elevate the lifetime of sensor networks. Another aggressive but different approach is to wirelessly re-charge the sensor nodes to increase the lifetime of the sensor networks. This Special Issue, entitled “Wireless Rechargeable Sensor Networks”, invites articles that address state-of-the-art technologies and new developments for wireless rechargeable sensor networks (WRSNs). Articles that deal with the latest hot topics in WRSNs are particularly encouraged, such as charger deployment, charger scheduling, wireless energy transfer, mobile charger design, energy-harvesting techniques, and energy provisioning. In addition, articles that discuss protocols, algorithms, and optimization in WRSN, are of particular interest.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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