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Wireless Rechargeable Sensor Networks 2020-2022

Guest Editors:

Prof. Dr. Chang Wu Yu

Department of Computer Science
and Information Engineering,
Chung Hua University, Hsinchu
City 300, Taiwan

Dr. Naveen Chilamkurti

Department of Computer Science
and Information Technology, La
Trobe University, Melbourne, VIC
3086, Australia

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Wireless sensor networks have recently attracted a great deal of attention due to their various applications in many fields. Due to their 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 which 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 which 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, Grosspeteranlage 5
4052 Basel, Switzerland

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