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Green Communications under Delay Tolerant Networking

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Deadline for manuscript submissions:

closed (20 April 2022)

Message from the Guest Editors

This Special Issue aims to gather original studies related to energy efficiency under DTNs, innovative proposals for future networks using novel techniques, solutions for IoT/M2M services, and exploitation of virtualization techniques to develop adaptable networks. Relevant topics of interest include, but are not limited to:

- Application of Low-Power Wide-Area Network (LPWAN) technologies (LoRa, SigFox, etc.) for delay-tolerant IoT/M2M services;
- Energy-aware routing techniques for IoT/M2M scenarios;
- IoT/M2M transport-level (MQTT, SOAP, etc.) solutions for energy reduction in delay-tolerant services;
- Source and network coding for energy-aware DTNs;
- Network Function Virtualization (NFV) and Software Defined Network (SDN) techniques applied to energy minimization;
- Energy-aware solutions for C-RAN/vRAN architectures;
- Energy consumption reduction in Fog/Cloud-based service provisioning



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Special Issue



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Message from the Editor-in-Chief

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