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Feature Papers in Section Smart Grids

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Deadline for manuscript submissions:

closed (28 February 2022)

Message from the Guest Editors

This SI will collect and highlight recent work on smart grids. Topics include, but are not limited to, the following:

- Applications for smart grids, smart buildings, smart homes, smart lighting, renewable energy sources and power electronics for smart grids.
- Distributed and peer-to-peer energy and multi-energy systems.
- Electric vehicle and smart grid interaction.
- Computer engineering, as well as information and communication technologies (ICT), for smart grids.
- IoT architectures, protocols, and algorithms, as well IoT devices and network technologies, applied to smart grids.
- Cloud computing, autonomic computing, data management, intelligent data processing and data-driven management for smart grids.
- Real-time, semantic web services and context-aware systems for smart grids.
- Cyber-physical systems and virtual and augmented reality for smart grids.
- Advances in smart grid sensing.
- Traceability, calibration and data fusion models for distributed sensing grids.
- Challenges in reliability, quality, security, efficiency and resilience of power infrastructure.
- Experimentation and deployments.
- Novel trends and challenges for smart grids.



mdpi.com/si/91427



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Message from the Editor-in-Chief

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