



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.





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Message from the Editor-in-Chief

Smart Cities provides an advanced forum for the dissemination of information on the science and technology of smart cities. It publishes reviews, regular research papers (articles) and communications in all areas of research concerning smart cities. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers so that the full experimental results can be reproduced. Manuscripts regarding research proposals and research ideas are particularly welcome.

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