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The Digital Revolution in Future Power Distribution and Microgrids

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Message from the Guest Editors

This Special Issue on “The Digital Revolution in Future Power Distribution and Microgrids” is focused on state-of-the-art innovations in theoretical foundations, advanced IoT-based infrastructure, systems and control architecture, and field tests for digital technologies in smart electrical networks. Topics include, but are not limited to (surveys and state-of-the-art tutorials are also welcome):

- Smart urban functions for Intelligent communities;
- Energy Internet infrastructures (optical fiber, data and power, 5G);
- Optimized management in microgrids and energy hubs;
- IoT services, applications, standards, and test-beds;
- IoT-driven solutions for the next generation of the smart-grid;
- Smart Homes, and IoT-based Building Automation;
- Decentralization and digitalization in smart cities;
- Data analytics for smart energy systems.

Deadline for manuscript
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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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