Machine Learning Applications to Operation, Control and Protection of Microgrids

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Deadline for manuscript submissions:
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Message from the Guest Editors

Prospective authors are invited to submit their original contributions or survey papers for publication in Energies. Topics of interest for this special issue include but are not limited to the following topics in the area of machine learning application to microgrids and distributed generation systems:

- Protection, reliability and resilience;
- Proactive protection in AC and DC microgrids;
- Adaptive, robust and fault-tolerant control strategies;
- Power quality and harmonics;
- Lifetime modelling, condition monitoring, and failure prediction;
- Design and expansion planning;
- Integration of renewable energy sources;
- Control and operation of energy storage devices;
- Operation and energy management systems;
- Optimized and coordinated management of flexible energy resources;
- Electricity markets;
- Industrial, experimental, and hardware-in-the-loop tests and validation.

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Special Issue

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Message from the Editor-in-Chief

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