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Machine Learning Applications to Operation, Control and Protection of Microgrids

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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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