



Nonlinear Control with Applications to Energy Systems

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Message from the Guest Editor

Dear Colleagues,

In the past few years, nonlinear control systems have experienced a growing popularity, and these developments are motivated by extensive applications, particularly in such areas as energy systems, electrical systems, mechanical systems and aircraft flight control systems.

This Special Issue aims to highlight advances in nonlinear control with applications to energy systems. Topics include, but are not limited to:

- Hierarchical control of distributed systems;
- Model predictive control in energy conversion systems and grid integration;
- Distributed control and efficient optimization;
- Multi-agent control of smart grids;
- Distributed state estimation for smart grid systems;
- Intelligent microgrids;
- Control of energy storage, integration of second-life batteries (SLBs);
- Machine learning and artificial neural networks, data-driven optimization, and flexible forecasting.

We look forward to and welcome your participation in this Special Issue.





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Message from the Editor-in-Chief

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