# Modeling, Simulation and Control in Energy Systems

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## Message from the Guest Editors

This Special Issue on "Modeling, Simulation and Control in Energy Systems" aims to collect high-quality research studies (including state-of-the art review papers) addressing challenges pertaining to the broad areas of energy production, management, utilization and storage. Topics include, but are not limited to, the following:

- Mathematical programming and control of energy systems;
- Energy efficiency in vehicles, buildings and power stations;
- Renewable energy systems and energy storage;
- Electrochemical and $H_2$-based systems (batteries, fuel cells and electrolyzers);
- Waste-to-Power and Power-to-X technologies;
- Distributed and off-grid energy systems;
- Complex transport phenomena in energy processes;
- Energy management and optimization;
- Power Quality.

**Special** Issue

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## Message from the Editor-in-Chief

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