

## Special Issue

# Control, Estimation, Management and Fault Diagnosis of Electrical Vehicles Applications

### Message from the Guest Editors

This Special Issue of *Energies* will provide an up-to-date overview of the challenges on the control and estimation of electric vehicle components and offer advanced solutions to the challenges in control, estimation, and management. Potential topics include but are not limited to:

- State-of-the-art reviews on control and estimation for EV applications;
- Control, estimation, and fault diagnosis of power train;
- Control power of converters: inverters, bidirectional DC/DC converters, and onboard chargers;
- Energy optimization and management in electrified vehicles;
- Battery modelling, state estimation, and battery management system;
- hybrid electric vehicle energy storage system;
- V2G applications;
- Microgrids

### Guest Editors

Dr. Mohamed Assaad HAMIDA

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Prof. Dr. Malek Ghanes

### Deadline for manuscript submissions

closed (18 October 2023)



## Energies

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## About the Journal

### 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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### Editor-in-Chief

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