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## Hybrid Energy Storage Systems for Electric Vehicles

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Deadline for manuscript submissions:

**closed (1 June 2021)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue encourages researchers working in this field to share their latest developments on HESS for electric vehicles. We welcome application-of-use cases, state-of-the-art reviews and benchmarking studies—the evaluation and comparison of different energy management methods. Our aim is to bring together innovative contributions covering (but not limited to):

- Design, system engineering, and field applications of HESS in road vehicles (cars, trucks, buses);
- Multiphysics modeling, simulation, and testing;
- Combined sizing and energy management of HESS;
- Power electronic architectures for HESS;
- Solid-state battery technology;
- Machine learning, big data, and cloud computing in HESS applications;
- Real-time energy management methodologies, including predictive strategies for optimal energy management;
- Monitoring and predictive maintenance of HESS;
- V2G and V2V functionalities and integration of HESS in smart grids;
- Life cycle analysis, including re-use of HESS in second life applications.



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# Special Issue



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## 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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