

## Special Issue

# Energy Transfer in Alternative Vehicles

### Message from the Guest Editor

In this special issue, we aim for research that will contribute to a better understanding of energy transfer related to alternative vehicles. Hybridization of power units and alternative propulsion systems are the mainly developed technology in the automotive field today. The modernization of conventional propulsion sources is justified by the increasingly stringent economic, ecological, and comfort requirements. The common link in any renewable energy source or propulsion system today are electric motors. Their correct use in propulsion offers the possibility of reducing or eliminating harmful emissions both in the form of toxic compounds and noise or unwanted vibrations. We are particularly looking for research papers related to energy transfer in both hybrid and electric vehicles, and conversion of energy from renewable sources such as photovoltaic installations to power alternative vehicles. However, we will also highly value papers related to modules of alternative propulsion such as drivetrain efficiency analysis, ways of energy accumulation in batteries, and influence of the charging method on the energy consumption of a vehicle during its life cycle.

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### Guest Editor

Dr. Wojciech Cieslik

Department of Alternative Powertrains, Institute of Combustion Engines and Powertrains, Faculty of Civil and Transport Engineering, Poznan University of Technology, Piotrowo 3, 60-965 Poznan, Poland

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### Deadline for manuscript submissions

closed (30 December 2022)



## Energies

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*Energies*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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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

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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