Special Issue

Advances of Low Carbon Internal Combustion Engine Technologies for Vehicles

Message from the Guest Editors

Concerns around climate change have led to promises from various countries around the globe to reach to 'net zero' CO_2 emissions in the next few decades. A large number of new trends have emerged in the area of low carbon energy production and utilization. More and more solar power plants, wind power plants, electric charging ports, and electric vehicles can be observed around us. However, due to the low energy density and long charging time of batteries, battery electric vehicles are limited in range and type of use. The use of low-carbon or zero-carbon internal combustion engines is necessary and will exist for many decades. As automotive engineers, to reduce CO_2 emissions from the transport sector, it is our responsibility to shift the current internal combustion engines to high-efficiency and low-carbon powertrain systems. Therefore, we would like to invite you to contribute to this Special Issue on 'Advances in Low-Carbon Internal Combustion Engine Technologies for Vehicles'.

Guest Editors

Dr. Changzhao Jiang
Dr. Xiao Ma
Dr. Yanfei Li

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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