Special Issue

Development of Efficient Internal Combustion Engines and Vehicle Powertrains: 2nd Edition

Message from the Guest Editors

The goal of this Special Issue on "*Development of Efficient Internal Combustion Engines and Vehicle Powertrains: 2nd Edition*" is to highlight how optimization and control techniques are bringing us toward the clean and efficient transportation of the future. There are many emerging tools and technologies for both ICE and hybrid electric powertrains that are worth highlighting, as they contribute to increased powertrain and transportation efficiency. Moreover, the ability to connect vehicles and infrastructure, which are now becoming components of the Internet of Things (IoT), enables many opportunities for planning to avoid losses and thereby improve system efficiency. This Special Issue aims to illustrate the challenges and opportunities in vehicle powertrain development. This is achieved by showcasing the wide range of developments, from hardware and physics to software, through control and optimization to the planning of future trajectories, which are ongoing and that rely on optimization and control techniques.

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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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