Special Issue

Experimental Investigation, Modeling and Optimization of Modern Internal Combustion Engines toward Their Sustainable Application in Future Road Mobility

Message from the Guest Editor

We are currently witnessing a "demonization" and a debasement of the fundamental role of internal combustion engines in the transport sector. Internal combustion engines are required to achieve a unique reduction in CO2 emissions across the various energy sectors, targeted to reach zero emissions in 2035. I, as I hope many of you, believe that internal combustion engines still have much room for growth and development and are not dead, as some would have us believe. The topic of this Special Issue entitled "Experimental Investigation, Modeling and Optimization of Modern Internal Combustion Engines Toward Their Sustainable Application in Future Road Mobility" is aimed at experimentation and modeling technologies in the broad sense that may lead engines to remain a point of reference in the road mobility of the future by putting efforts into developing new fuels, admixtures, and combustion strategies promoting net-zero carbon emissions. This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modelling and control of modern internal combustion engines.

Guest Editor

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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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