

Special Issue

Advanced Engine Energy Saving Technology

Message from the Guest Editor

The main problems facing humanity are related to the demand for energy, the increase in pollutants, especially in large cities, the increase in the population of the Earth, and the urbanization related to this. Solving some of these problems is directly related to the use of engine-energy-saving technology, since the transport sector is one of the global energy consumers, which is also a generator of CO₂. The combination of different energy sources and technologies is key to reducing energy consumption and pollution caused by means of transport. This Special Issue aims to cover topics related to mathematical modeling, optimization, and numerical methods aimed at improving the efficiency and engines used in vehicles. Envisaged applications include internal combustion engines, alternative engines, engines working using alternative fuels and additives, and energy-saving technologies in engines.

Guest Editor

Prof. Dr. Simeon Iliev

Department of Engines and Vehicle, University of Ruse, 8 Studentska Street, 7017 Ruse, Bulgaria

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

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE - Electromechatronic Systems Research Centre, University of
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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