# Special Issue

# Advanced Technology in Internal Combustion Engines

## Message from the Guest Editor

Despite the growing market share of electrified vehicles, it is universally recognized that the thermal engine will continue to play the role of the prime mover for coming decades in the transportation sector. However, transportation is a sector with some of the greatest impacts on air pollution (especially in urban areas), oil depletion, and global warming. Therefore, research must be conducted to reduce its environmental impact and, most of all, its carbon footprint associated with its lifecycle. Technologies for improving breathing, combustible mixture preparations, as well as alternative combustion concepts, alternative fuels, after-treatment systems for regulating polluting emissions abatement, e-fuels, waste-heat-recovery technologies (such as organic Rankine cycles, turbocharging, thermoelectric generators), and mild electrification, to cite a few examples, are all envisaged as directions for continued investment to reach the aforementioned goals in transport by land, sea, and air. This Special Issue aims to offer a platform for sharing different experiences from academia and industries.

## Guest Editor

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## Deadline for manuscript submissions

closed (31 October 2023)

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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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