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Recent Advances in Natural Gas Combustion and Emissions of Conventional Powertrain and Hybrid Propulsion Systems II

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Deadline for manuscript
submissions:

closed (1 June 2023)

Message from the Guest Editors

We are inviting submissions to our Special Issue of *Energies*. With the increasing global environmental awareness and the imposed continuously stringent emission standards in various fields of transportation, the topic of natural gas combustion has attracted a lot of attention in recent years.

Various hybrid propulsion systems such as natural gas engine/electric systems can be a very promising alternative to conventional propulsion systems in light of the current operational, economic, life-cycle carbon footprint, and local infrastructure limitations of fully electric propulsion systems. Hence, nowadays, there is a large number of conventional (dual-fuel, spark ignition) and advanced (RCCI, HCCI, PCCI, SACI, etc.) technologies, which can be used to further seriously improve the operational and the environmental performance of existing and new powertrain systems. Additionally, natural gas is a very attractive alternative fuel for hybrid systems such as conventional natural gas engines/electric systems, and for other hybrid schemes such as conventional natural gas engines/fuel cells/batteries propulsion systems.



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Special Issue



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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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