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Combustion Engine Applications

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submissions:

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Message from the Guest Editors

Dear Colleagues,

With the unique combination of high efficiency, large energy density, fast response time, and robustness, a combustion engine can provide an economically reasonable package, irreplaceable for all high-power demanding decentralized applications. Despite the gradual imposition of emission standards which led to the point of development, where the engine-based powertrain still has not grown to its full potential in terms of performance and emission.

To meet the demands of coupling with the emerging fuel and alternative power technologies, combustion engine technology needs to be re-designed, searching for a global optimum. To this end, experts from different areas of combustion engine applications are encouraged to share their visions on state of the art in the form of original research papers, case studies, or short reviews. Works targeting: advanced combustion, new engine hardware, experimental after treatment, and engine and powertrain control, are considered necessary. We wish to create a multi-domain vision for a future-proof engine platform along with its enabling toolchains.

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Dr. Kamil Duda

Guest Editors



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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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