



## Cutting-Edge Mobility Solutions for High Efficiency Propulsion Systems

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### Message from the Guest Editors

Dear Colleagues,

The Special Issue aims at showcasing the latest breakthroughs that will contribute to shaping the future of mobility. Topics of interests for this publication include, but are not limited to: Biodiesel, ammonia, and hydrogen combustion; Spray analysis and mixture formation; Advanced combustion concepts (e.g., pre-chamber); CFD approaches to engine modelling; Data-driven engine model; Innovative design for consumption and emission reduction; Innovative solutions for combustion control; Advanced ATS architectures; Innovative control systems for traditional and electrified powertrains.

Join us in exploring and investigating such interdisciplinary field, where cutting-edge solutions in mobility and internal combustion engines drive the innovation for the next era of transportation.

We cordially invite you to contribute to this inspiring collection.





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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.

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