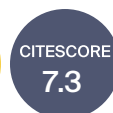




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Vehicle Engines and Powertrains: Performance, Combustion and Emission

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Deadline for manuscript
submissions:
closed (31 March 2025)

Message from the Guest Editors

This Special Issue aims to encourage both academic and industrial researchers to present their latest findings concerning the previously mentioned aspects, which can lead to a significant contribution towards the achievement of green and sustainable mobility.

The authors should provide a comprehensive and scientifically sound overview of the most recent research and methodological approaches. Both experimental and methodological contributions are welcome.

Topics of interest for this Special Issue include, but are not limited to, the following:

- internal combustion engines
- powertrain electrification
- powertrain and engine optimization
- powertrain and engine modeling and control
- emission formation modeling and control
- air-path and fuel-path control
- innovative combustion concepts
- advanced aftertreatment systems
- alternative fuels
- artificial intelligence systems
- model-in-the-loop (MiL), hardware-in-the-loop (HiL), rapid prototyping (RP)
- energy management optimization algorithms



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Message from the Editor-in-Chief

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