



Advanced Boosting Systems

Guest Editor:

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Deadline for manuscript
submissions:
closed (30 August 2021)

Message from the Guest Editor

Dear Colleagues,

The requirements for the reduction of CO₂ emissions imposed by the European Commission for passenger cars has driven the automotive industry to develop technological solutions to limit exhaust emissions and fuel consumption, without compromising vehicle performance and drivability.

This Special Issue will collect research on advanced boosting systems, welcoming innovative papers on this subject. The main topics of interests are related (but not limited to) the following:

- Advanced boosting systems
- Variable geometry turbine
- Electrically assisted turbocharger
- Electrically assisted compressor
- Two-stage systems
- Compressor surge
- Pulsating flow turbine performance
- Pulsating flow compressor performance
- Gasoline Millerized engines
- Modeling of hybrid turbocharged engines

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Guest Editor





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Message from the Editor-in-Chief

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