

Special Issue

Combustion Process and Emission Control of Alternative Fuels

Message from the Guest Editors

Large amounts of fossil fuels are consumed by internal combustion engines annually, leading to severe problems for the environment and human health, such as global warming and respiratory diseases.

Applications of alternative fuels to internal combustion engines have attracted much attention, leading to decreasing greenhouse gas emissions and exhaust pollutants, as well as easing the dependency on fossil fuels; additionally, many alternative fuels present excellent performance for internal combustion engine applications. This Special Issue aims to highlight a broad field of alternative fuels applications to any types of internal combustion engines, such as conventional reciprocating engines, free piston engines, and opposed rotary piston engines. This topic covers the combustion analysis and advanced combustion technologies, emissions formations and control measures for internal combustion engines fuelled with alternative fuels. Recent research from both experiments and simulations are welcome, and the types of submission to be considered for publication include research articles, reviews, communications, and concept papers.

Guest Editors

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Deadline for manuscript submissions

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