



Ignition and Combustion Characteristics of Automotive Fuels

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Energies, an open access journal is announcing a special issue titled: “Ignition and Combustion Characteristics of Automotive Fuels”. This Special Issue will contribute to our understanding of ignition chemistry. The papers in this issue are expected to advance our understanding of the ignition of fuels (including conventional, alternative, and surrogate fuels) through new experimental, theoretical, and/or kinetic modeling studies which include but are not limited to the following:

- Measurements and chemical kinetic simulations related to facilities such as burners, constant volume chambers, jet-stirred reactors, flow reactors, shock tubes, rapid compression machines, and engines
- Ab-initio studies of important oxidative and pyrolytic reaction pathways including rate constants, species thermodynamic, and transport properties
- Chemical kinetic modeling
- Reactive computational fluid dynamic simulations of engines or other experimental facilities





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Message from the Editor-in-Chief

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