Special Issue

Sustainable Fuel Spray, Fuel Film Formation and Combustion Applied in Low-Carbon Powertrains

Message from the Guest Editors

Nowadays, decreasing carbon-emission has become the global theme. Therefore, in order to achieve the carbon neutrality in the middle of this century, many efforts should be done for the low- and zerocombustion applied in vehicles, marines, gas turbines and even aircraft engines. Fuel spray and combustion have significant effects on the efficiency and emission. And much more investigations should be done to develop new models and strategies for low-carbon engines. Besides, in the recent decades, e-fuel become popular and could be obtained successfully by the help of solar and wind energies. In such a case, the sustainable fuels could continue to survive in the future. Therefore, the special issue from Sustainability is organized and named as "Sustainable Fuel Spray, Fuel Film Formation and Combustion Applied in Low-carbon Powertrains". Now, we are encouraging all the scholars to contribute to it and report your good ideas and achievements.

Potential topics include but are not limited to: Liquid spray and impingement; E-fuel characteristics; Fuel film formation; Low-carbon combustion; Development of zero and low carbon fuels; Model development in spray and combustion.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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