

## 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 zero-combustion 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 becomes 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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### Deadline for manuscript submissions

closed (15 July 2023)



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### Editor-in-Chief

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