



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

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Message from the Guest Editors

Dear Colleagues,

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. As we known, 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. In such a case, the sustainable fuels could continue to survive in the future. Therefore, the special issue 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.

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