



Sustainable Fuel Spray, Fuel Film Formation and Combustion Applied in Low-Carbon Powertrains—2nd Edition

Guest Editors:

Prof. Dr. Hongliang Luo

Graduate School of Advanced Science and Engineering, Hiroshima University, Higashi-Hiroshima 739-8527, Japan

Dr. Weidi Huang

Research Institute for Energy Conservation, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba 3058564, Ibaraki, Japan

Dr. Gengxin Zhang

Department of Mechanical Engineering, University of Birmingham, Birmingham B15 2TT, UK

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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.

Prof. Dr. Hongliang Luo
Dr. Weidi Huang
Dr. Gengxin Zhang
Guest Editors





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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