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Fuel Technology in Aviation and Aerospace

Guest Editor:

Prof. Dr. Ling-yun Hou
School of Aerospace Engineering, Tsinghua University, Beijing 100084, China

Deadline for manuscript submissions:
closed (26 May 2022)

Message from the Guest Editor

Dear Colleagues,

The rapid developments seen in the aeronautic and aerospace sector result in an innovation challenge for fuel technology. Fuel serves not only as the supply source of combustion, but also as a coolant onboard, meeting the high heat-flux requirements of high-speed flight vehicles. Pollutant emission is also closely related to fuels. As such, the development of fuel technology is in principle an important factor with the ability to greatly influence future trends in the aviation and aerospace fields.

This Special Issue of *Energies* focuses on future fuel technology in aviation and aerospace. Specifically, it highlights the thermophysical property, combustion, and heat transfer aspects of this topic, as well as thermal cracking and coke formation. Additional aspects of interest are emissions and next-generation fuel systems. Papers addressing any of these specific topics are welcome.

- thermophysical property
- combustion
- heat transfer
- thermal cracking
- coke
- emission
- fuel system

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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