

Special Issue

Fuel Technology in Aviation and Aerospace

Message from the Guest Editor

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

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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