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Waste-to-Wheel Approach for Future Renewable Drop-In Fuel Development

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editor

Dear colleague,

The International Energy Agency envisages that advanced renewable fuels will contribute significantly to reducing emissions by increasing from 5% of total transport energy supply today to up to 30% by 2050. This Special Issue aims to encourage researchers to address the technological advancements that have led to the development of novel approaches in conversion and production of advanced renewable drop-in fuels from the perspective of the waste-to-wheel approach. We are looking for contributions in the following areas:

- thermochemical and biochemical methods for renewable fuel production;
- cost-effective methods of pre-treatment and processing of biogenic residue and waste for renewable fuel production;
- techno-economic and environmental analysis of advanced renewable fuels;
- renewable fuel supply, distribution, and storage;
- vehicle and engine performance and emissions using advanced renewable fuels.

Dr. Ulugbek Azimov
Guest Editor

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Message from the Editor-in-Chief

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