

## Special Issue

# Combustion and Emissions of Hydrocarbon-Fueled Engines

### Message from the Guest Editor

This Special Issue is devoted to the problems of the combustion and emissions of hydrocarbon-fueled engines. Rapidly growing environmental problems require more and more attention in the search for new ways to reduce harmful emissions in the combustion products of various engines running on hydrocarbon fuels. In addition to the inevitable combustion products, carbon oxides, soot, and polyaromatic hydrocarbons (PAHs) have a harmful effects on the environment and humans. At the same time, if the fight against reducing soot formation in combustion products has been engaged in for many decades, then attention to smaller, optically transparent particles of the so-called nanoorganic carbon (NOC) and PAHs has appeared only over the last decade. Recent studies show that such particles can be even more harmful to the human body and many other aspects of the environment. In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the fields of reducing PAHs, NOC, and soot emissions from various hydrocarbon-fueled engines. Prof. Dr. Alexander Eremin

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### Guest Editor

Prof. Dr. Alexander Eremin

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### Deadline for manuscript submissions

closed (20 July 2022)



## Applied Sciences

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### Editor-in-Chief

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