



Modelling, Simulation and Control in Combustion Processes of Renewable Fuels

Guest Editors:

Prof. Dr. Ján Pitel'

Department of Industrial
Engineering and Informatics,
Faculty of Manufacturing
Technologies with a Seat in
Presov, Technical University of
Kosice, 080 01 Presov, Slovakia

Prof. Dr. Jan Hrdlička

Department of Energy
Engineering, Czech Technical
University in Prague, 166 07
Prague, Czech Republic

Prof. Dr. Ivan Pavlenko

Faculty of Technical Systems and
Energy Efficient Technologies,
Sumy State University, 40007
Sumy, Ukraine

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Message from the Guest Editors

This Special Issue on “Modelling, Simulation and Control in Combustion Processes of Renewable Fuels” aims to curate novel advances in the development and application of computational modelling and advanced control to address longstanding challenges in energy efficiency increase and environmental pollution decrease arising also from renewable fuels combustion. Topics include, but are not limited to:

- Description of current problems in combustion processes of renewable fuels and possible solutions;
- Up-to-date tools for reaction chemistry modelling and flow, heat and mass transfer simulation during combustion processes
- Numerical simulation of transient combustion processes
- Parameter identification for models of combustion processes
- Advanced control algorithms of combustion processes
- Sensors for monitoring and control of combustion processes





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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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