Modelling, Simulation and Control in Combustion Processes of Renewable Fuels

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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

SpecialIssue

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Message from the Editor-in-Chief

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