

Special Issue

Numerical Simulation in Biomass Pyrolysis Processes

Message from the Guest Editors

This Special Issue on “Numerical Simulations in Biomass Pyrolysis Processes” aims at providing the latest significant advances in the computational modeling of biomass pyrolysis processes. Topics include but are not limited to:

- Mathematical modeling of single-particle dynamics to improve the understanding of pyrolysis fundamentals;
- Development of simplified single particle models for reactor-scale applications;
- Mathematical modeling and numerical simulations (through proprietary codes or commercial CFD tools) of practical pyrolysis systems where single particles strongly interact with a reacting gaseous or multiphase environment.

Guest Editors

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