



Fluid Flow Analysis of Spouted Beds

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Message from the Guest Editors

Dear Colleagues,

More efficient, reliable and predictable Spouted Bed reactors still need further advance on their fundamental understanding, their scale-up approaches, their intensification strategies and their model development and validation.

The current Special Issue aims to collect the most recent advances in this field, covering from fundamental understanding of Spouted Beds, experimental activities in novel configurations, scale-up methodologies, benchmarking data and multiscale simulations, from lower scale - molecular and particle level - to macroscale, with special emphasis on their complementarities. Modelling based on data-driven analysis is also welcome. Experimental and simulation works may be in the framework of any of the wide range of applications in which the use of this technology provides clear advantages against other conventional fluidisation process schemes.

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Guest Editors





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Message from the Editor-in-Chief

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