

Special Issue

Fluid Flow Analysis of Spouted Beds

Message from the Guest Editors

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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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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