

## Special Issue

# Optimization of Operations and Processes in Chemical Engineering Involving Fluidization

### Message from the Guest Editor

The special issue is meant to contribute to our scientific knowledge in regards to technologies for which the main chemical/physical aspect is Fluidization. This phenomenon is central to many processes; just to mention some of them, we have: Fluidized Bed Combustion, Flue Gas Desulfurization, Biogas Production, Mineral Sorting, Catalytic Fluidized Beds, Particles' coating, Metallurgy. More generally and always centered on the topic of Fluidization, the issue would include Multi-Phase Systems (not only gas-liquid-solid), Mixing and Resuspension, Nano Fluids, CFD, Computer Aided Process Engineering, Chemical Kinetics and Catalysis. In addition to more theoretical Mass Transport aspects like intramolecular forces, surface tension, electrical interactions and biotechnological processes. Emphasis will be given to contributions showing tangible evidence of added value in regards to the most recent literature. The issue welcomes investigations done by means of highly accurate instrumentations like, for instance, Electrical Resistance Tomography, Radioactive Particle Tracking, Laser Diffraction and related.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 September 2021)



**ChemEngineering**

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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