

## Special Issue

# Computational Fluid Dynamics (CFD) of Chemical Processes

### Message from the Guest Editor

The rise in computational capacity has allowed improved modeling and simulation capabilities for chemical processes. Computational fluid dynamics (CFD) is a useful tool to study the performance of a process following geometrical and operational modifications. CFD is suitable for identifying hydrodynamics inside processes with complex geometries where chemical reactions and heat and mass transfers occur. CFD has received much attention from researchers in recent years, increasing the number of publications in 2018 by two times compared to 2011 (ScienceDirect, 2019). In this Special Issue of *ChemEngineering*, we would appreciate your contribution in the CFD field. This Special Issue is mainly focused on multiphase, multiphysics, and multiscale CFD simulations applied to chemical and biological processes. However, novel and nontraditional CFD approaches are also welcome.

### Guest Editor

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### Deadline for manuscript submissions

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#### Editor-in-Chief

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