

## Special Issue

# Modelling, Simulation and Optimization of Large Scale Chemical Processes

### Message from the Guest Editor

We are inviting submissions to a Special Issue of the journal *ChemEngineering*, “Modelling, Simulation and Optimization of Large Scale Chemical Processes”. We are particular interested in efficient and robust techniques and algorithms for simulation and optimization of large scale models describing chemical engineering systems. By “large scale models” we mean detailed models of unit operations combined into a flowsheet model of an entire process. The models may be steady-state or dynamic. New algorithms and techniques are of great interest, in addition to good and illustrative applications of new and existing techniques.

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### Guest Editor

Prof. Magne Hillestad

Department of Chemical Engineering, Norwegian University of Science and Technology, Norway

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### Deadline for manuscript submissions

closed (21 August 2019)



**ChemEngineering**

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**Impact Factor 3.4**  
**CiteScore 4.9**



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## About the Journal

### Message from the Editor-in-Chief

*ChemEngineering* is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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### Editor-in-Chief

Prof. Dr. Mario J. Muñoz Batista

Department of Chemical Engineering, Faculty of Sciences, University of Granada, Avda. Fuentenueva, s/n, 18071 Granada, Spain

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### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q1 (General Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 32.8 days after submission; acceptance to publication is undertaken in 6.6 days (median values for papers published in this journal in the second half of 2025).