

## Special Issue

# Advances in Prediction and Characterization of Failure Behavior of Polymer Composites

### Message from the Guest Editor

The main purpose of this special issue is to introduce recent advances in prediction and characterization of short-term and long-term failure behavior of polymer composites, mainly covering the subjects of creep, progressive damage, impact, fatigue and large deformation behavior of composites, which includes not only conventional fiber composites (e.g., carbon, glass, aramid, natural fibers) but also CNT and graphene nanocomposites. The results can be experimental observation, analysis based on multiscale approaches, homogenization, etc.

---

### Guest Editor

Prof. Dr. Sung Kyu Ha

Department of Mechanical Convergence Engineering, Hanyang Structures and Composites Lab (HSCL), Hanyang University, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea

---

### Deadline for manuscript submissions

closed (14 February 2019)



ChemEngineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 4.0



[mdpi.com/si/17784](https://mdpi.com/si/17784)

*ChemEngineering*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[chemengineering@mdpi.com](mailto:chemengineering@mdpi.com)

[mdpi.com/journal/  
ChemEngineering](https://mdpi.com/journal/ChemEngineering)





## ChemEngineering

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 4.0



[mdpi.com/journal/  
ChemEngineering](https://mdpi.com/journal/ChemEngineering)



# About the Journal

## Message from the Editor-in-Chief

---

### Editor-in-Chief

Prof. Dr. Alírio E. Rodrigues

Laboratory of Separation and Reaction Engineering - Laboratory of Catalysis and Materials (LSRE-LCM), Department of Chemical Engineering, Faculty of Engineering, University of Porto, 4200-465 Porto, Portugal

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.6 days after submission; acceptance to publication is undertaken in 7.6 days (median values for papers published in this journal in the first half of 2024).