



Phase Behavior in Polymers

Guest Editor:

Prof. Dr. Eamor M. Woo

Department of Chemical
Engineering, National Cheng
Kung University, No. 1, University
Road, Tainan 701-01, Taiwan

Deadline for manuscript
submissions:

closed (30 April 2018)

Message from the Guest Editor

Polymers of different structures (variations in monomer types, Mw, copolymerization, branching, crosslinking, etc.) can display phase behavior in many ways. The phase behavior of polymers, in turn, can influence the physical and mechanical properties for ultimate applications.

This Special Issue, “Phase Behavior in Polymers”, aims to be a collection of high-caliber original/review papers focusing on recent progresses on: (a) polymer crystal-amorphous phases in bulks or thin films; (b) binary-ternary homopolymer mixtures/blends and diblock/triblock copolymers exhibiting macrophase/microphase separation and phase-domain morphology; (c) polymer phase separation/crystallization for photonics properties; (d) novel interpretations for phase separation or crystallization in polymers, copolymers, or blends; and (e) special phase behavior or surface-relief periodic patterns of polymers, blends or polymer–polymer complexes with potential applications as biomimetics, functional, biomedical, or photonic applications.

Prof. Dr. Eamor M. Woo





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)