



Modeling of Membrane Formation

Guest Editor:

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Message from the Guest Editor

The final membrane morphology depends on many factors, including initial formulation, phase inversion process, exchange rates during the phase separation...Consequently, predicting the final membrane morphology remains very tricky.

During the last decades, modeling efforts have been done to better understand the relationship between the operating parameters (formulation, process parameters) and the membrane morphology. More recently, promising efforts have been made in the modeling of the phase inversion dynamics itself at molecular and meso-scale: Molecular Dynamics, Dissipative Particle Dynamics, Lattice Monte Carlo, and Phase-field methods. This new area of modeling gives more opportunity to predict the whole phase inversion process, and hence the final morphology.

So, I am pleased to invite you to submit a paper to the special issue “Modeling of Membrane Formation”, which covers mass and heat transfers, molecular and meso-scale modeling methods. Authors are therefore invited to submit their latest results; both original papers and reviews are welcome.





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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

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