

Special Issue

Micro-Reaction Engineering

Message from the Guest Editors

Microreactor technology is gaining ground in a broad range of applications, including biotechnology, chemical synthesis, green chemistry, and synthesis of functionalized materials. However, issues are sometimes encountered when running micro-reactors, such as clogging and the necessity of harnessing instabilities. In all of these fields, Artificial Intelligence has started to pop up to aid the development of both processes and products. These challenges represent a great opportunity to develop innovations and to bring micro-reaction engineering into a new era. The Special Issue will encompass original articles and reviews broadly dedicated to flow chemistry at the micro-scale therein highlighting issues, current state-of-the-art technology and opportunities for development. The contributions will include experimental and theoretical research devoted but not limited to the following: chemical synthesis, artificial intelligence, clogging, multiphase flows, crystallization, spectroscopy, imaging, and automated flow chemistry.

Guest Editors

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Message from the Editor-in-Chief

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