Special Issue

Design Issues for µ-Process Devices

Message from the Guest Editor

This Special Issue of *ChemEngineering* aims to be a forum for scientists and engineers from academia and industry to present and discuss recent developments in the field of micro-equipment design. We invite papers that tackle, either numerically (Computational Fluid Dynamics studies) or experimentally, design problems, concerning micro-equipment design. Contributions may focus on, but are not limited to, problems associated with subjects that deal with the design and construction of novel micro- equipment (e.g., micromixers, microreactors, micro-heat exchangers) and the use of non-intrusive experimental techniques.

Keywords

- u-mixers
- µ-reactors
- Lab-on-a chip
- µ-heat exchangers
- CFD simulations
- micro-PIV
- micro-LIF
- 3D printing
- process intensification

Guest Editor

Prof. Dr. Aikaterini A. Mouza

Faculty of Chemical Engineering, Aristotle University of Thessaloniki, GR 54124 Thessaloniki, Greece

Deadline for manuscript submissions

closed (1 September 2018)



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ChemEngineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemengineering@mdpi.com

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About the Journal

Message from the Editor-in-Chief

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.6 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the first half of 2025).

