



*micromachines*



an Open Access Journal by MDPI

## Polymer Processing for Microsystems

Guest Editor:

**Prof. Dr. Sun Kyoung Kim**

Department of Mechanical  
System Design Engineering,  
Seoul National University of  
Science and Technology, Seoul  
01811, Korea

Deadline for manuscript  
submissions:

**closed (1 October 2020)**

### Message from the Guest Editor

Dear Colleagues,

Polymers in microsystems function as basic substrates, optical devices, flow channels, gas barriers, fabrication aids, surface modifiers, mechanical protection, and so on. For a microsystem to be commercially successful, it should be mass-produced and such functions should be reliably implemented. Polymer processing allows efficient implementation of their functions and safe packaging for longer service. This Special Issue welcomes contributions on advances of the polymer processing technology for any microsystems, including electronic packages, biochips, microfluidic chips, sensors, and microsystems on large systems. Polymer processing here includes molding, printing, encapsulation, extrusion, bonding, welding, coating, and more, using any polymeric materials based on thermoplastics, thermosets, and elastomers. This Special Issue also seeks articles about new methods, applications, and reviews.



[mdpi.com/si/38781](https://mdpi.com/si/38781)

# Special Issue



## Editor-in-Chief

## Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as 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), PubMed, PMC, Ei Compendex, dblp, and other databases.

**Journal Rank:** JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q2 (*Mechanical Engineering*)

## Contact Us

Micromachines Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/micromachines](http://mdpi.com/journal/micromachines)  
[micromachines@mdpi.com](mailto:micromachines@mdpi.com)  
[X@micromach\\_mdpi](https://x.com/micromach_mdpi)