



## Advances in Solidification Processes

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 March 2021)**

### Message from the Guest Editor

Dear Colleagues,

Solidification phenomena play an important role in many processes, of which they determine all or part of the targeted properties. The science of solidification has the particularity of bringing together a wide range of spatial and temporal scales, and of combining physics, chemistry, and mechanics. Although it is generally focused on metallic materials, solidification also encompasses various applications, ranging from the food industry to the heavy metallurgical industry, through microelectronics. There are, however, some common grounds that we would like to address in this Special Issue.

You are invited to submit high-quality research, technical, or review papers to this Special Issue, related to recent advances in solidification processes. Some areas of interest for this Special Issue include, but are not limited to, fundamentals, modeling, characterization, and processes involving solidification.





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## Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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