

## Special Issue

# Numerical Simulation and Heat Transfer in Material Processing and Casting Engineering

### Message from the Guest Editors

In light of the development of new processors and increasingly advanced computing capacity, numerical simulation tools have provided increased support for various areas of engineering. However, they are now a necessary tool for improving and optimizing processes. For this reason, *Processes* launched this Special Issue, Numerical Simulation and Heat Transfer in Material Processing and Casting Engineering, to showcase to the scientific community advances in manufacturing processes involving different heat transfer mechanisms. This Special Issue will focus on heat transfer processes in furnaces and reactors, steel manufacturing processes, ladle metallurgy, continuous casting, pyrometallurgy, continuous casting, reheating furnaces, heat treatment, boiling curves, etc.

### Guest Editors

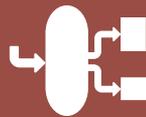
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Dr. José Ángel Ramos-Banderas

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### Deadline for manuscript submissions

20 April 2026



## Processes

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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