# Special Issue

# Advances on the Metallurgy of Electrical Steels

## Message from the Guest Editor

Basic and applied scientific research strongly linked with industrial technological developments are expected to generate the underlying knowledge needed to materialize the growth forecast for the production and use of this high-end soft magnetic material. This Special Issue of *Metals* is aimed at putting together, in a single volume, a collection of articles dealing with the most recent advances in metallurgical research aimed at increasing our understanding of the processing–microstructure–property relationships of GO and GNO electrical steels. Contributions ranging from alloy chemistry development to novel processing procedures, including strip casting, hot rolling, hot band annealing, cold rolling and primary and secondary recrystallization heat treatments are welcome. In particular, contributions on the effects of processing conditions on the evolution of the microstructure (grain size and texture) and final properties, such as magnetic susceptibility and core losses, are encouraged.

## Guest Editor

Prof. Dr. Armando Salinas Rodríguez

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## Deadline for manuscript submissions

closed (31 March 2022)

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# About the Journal

## 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.

## Editors-in-Chief

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**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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