

Special Issue

Recent Trends in Advanced High-Strength Steels

Message from the Guest Editors

The goal of this Special Issue is to foster the dissemination of the latest research in the field of advanced high-strength steels. Original contributions dealing with the structure characterisation and chemistry analysis; mechanisms involved in microstructure evolution and phase transformation during processing stages; influence of processing techniques and heat treatment routes on structural integrity; or examples of innovative industrial applications of advanced high-strength steels are encouraged. Both experimental and numerical approaches are welcome. Keywords

- Advanced high-strength steels
- Ultra high-strength steels
- Dual-phase steels
- Complex-phase steels
- Transformation-induced plasticity steels
- Bainitic steels

Guest Editors

Dr. Ricardo Branco

Prof. Dr. Filippo Berto

Prof. Dr. Andrei Kotousov

Deadline for manuscript submissions

closed (31 December 2019)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/16962

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

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)