



## Recent Advances on Fretting Fatigue

Guest Editors:

**Prof. Dr. Carlos Navarro  
Pintado**

Mechanical engineering and  
manufacture, Universidad de  
Sevilla, Sevilla, Spain

**Prof. Dr. Jesús Vázquez Valeo**

Mechanical Engineering and  
Manufacture, Universidad de  
Sevilla, Sevilla, Spain

Deadline for manuscript  
submissions:

**closed (30 October 2019)**

### Message from the Guest Editors

The objective of this Special Issue is to give an overall picture of the latest developments and current research in the field of fretting fatigue/wear by scientists and engineers from all over the world. Different types of points of view should contribute to this Special Issue, from academic and industrial practitioners. The topics relevant to this Special Issue include, but not restricted to, are the following:

- Experimental results in fretting fatigue/wear
- Theories and mechanisms of fretting fatigue/wear
- Modelling in fretting fatigue/wear
- Applications and case studies
- Palliatives against fretting fatigue/wear

The development of this special Issue coincides in time with the 9th International Symposium on Fretting Fatigue (<http://isff9.org>) to be held in the city of Seville, 1–3 April, 2019. This is the 9th edition in a series of successful symposiums dedicated to this topic, held every three years. Therefore, all works presented at this symposium are also invited for submission in this Special Issue.





an Open Access Journal by MDPI

## Editors-in-Chief

### Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

### Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

## 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.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Metallurgy and Metallurgical Engineering*) / CiteScore - Q1 (Metals and Alloys)

## Contact Us

---

Metals 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/metals](http://mdpi.com/journal/metals)  
[metals@mdpi.com](mailto:metals@mdpi.com)  
[X@Metals\\_MDPI](https://twitter.com/Metals_MDPI)