

# Special Issue

## Tribology and Contact Dynamics

### Message from the Guest Editors

This Special Issue will promote the latest developments concerning experimental, numerical (finite element method, discrete elements, and atomic-scale simulation), and theoretical investigations in the areas of tribology and contact dynamics, in order to reinforce the interactions and collaborations between mechanical, seismological, and mathematical communities.

Researchers working in the field of contact dynamics and related applicative issues are invited to submit their contribution. Principal topics include, but are not limited to:

- Contact dynamics;
- Interface waves
- Friction-induced vibrations
- Contact instabilities
- Rupture dynamics
- Contact simulation
- Friction experimentation

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2019)



## Lubricants

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## About the Journal

### Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants*.

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### Editor-in-Chief

Prof. Dr. Homer Rahnejat  
School of Engineering, University of Lancashire, Preston PR1 2HE, UK

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indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Mechanical Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).