lubricants

an Open Access Journal by MDPI

IMPACT FACTOR 2.9

CITESCORE 4.5

Tribology and Contact Dynamics

Guest Editors:

Prof. Dr. Francesco Massi
DIMA—Department of Mechanical and Aerospace Engineering, Faculty of Civil and Industrial Engineering, Sapienza University of Rome, 00184 Rome, Italy

Prof. Dr. Laurent Baillet
Centre National de la Recherche Scientifique (CNRS), Institut des Sciences de la Terre (ISterre), Université Grenoble Alpes, 38000 Grenoble, France

Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

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

Prof. Dr. Francesco Massi

Prof. Dr. Laurent Baillet

Guest Editors

mdpi.com/si/21565

lubricants

IMPACT FACTOR 2.9

CITESCORE 4.5

an Open Access Journal by MDPI

Editor-in-Chief

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

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.*

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, Mechanical) / CiteScore - Q2 (Mechanical Engineering)

Contact Us

Lubricants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/lubricants
lubricants@mdpi.com
𝕏@@Lubricants_MDPI