



Tribology and Contact Dynamics

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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

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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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