

Call for Papers

A new journal *Friction* has been launched. It is an international academic journal sponsored by the State Key Laboratory of Tribology, Tsinghua University and the Tribology Institute of Chinese Mechanical Engineering Society. This journal aims at providing an international medium for the publication of theoretical and experimental research works related to friction, lubrication and wear. Starting from 2013, the journal will be published quarterly and jointly by Tsinghua University Press and Springer-Verlag Berlin Heidelberg.

As a new open access journal, *Friction* is devoted to gather and present a platform for scientists and scholars to share their observations and research results in the field of tribology. Original, high quality research papers and review articles on all aspects of tribology are welcome, including, but are not limited to, a variety of topics, such as:

- Friction: Origin of friction, Friction theories, New phenomena of friction, Nano-friction, Ultra-low friction, Molecular friction, Ultra-high friction, Friction at high speed, Friction at high temperature or low temperature, Friction at solid/liquid interfaces, Bio-friction, Adhesion, etc.
- Lubrication: Superlubricity, Green lubricants, Nano-lubrication, Boundary lubrication, Thin film lubrication, Elastohydrodynamic lubrication, Mixed lubrication, New lubricants, New additives, Gas lubrication, Solid lubrication, etc.
- Wear: Wear materials, Wear mechanism, Wear models, Wear in severe conditions, Wear measurement, Wear monitoring, etc.
- Surface Engineering: Surface texturing, Molecular films, Surface coatings, Surface modification, Bionic surfaces, etc.
- Basic Sciences: Tribology system, Principles of tribology, Thermodynamics of tribo-systems, Micro-fluidics, Thermal stability of tribo-systems, etc.

Submission Guidelines

Papers submitted to this journal for possible publication must be original and must not be under consideration for publication in any other journals. Prospective authors should submit their manuscripts using the Online Manuscript Submission, Review and Tracking System at <http://mc03.manuscriptcentral.com/friction/>. More detailed information about the journal can be found at www.springer.com.

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