Special Issue

Tribological Study in Rolling Bearing

Message from the Guest Editor

Rolling bearings are essential components in the production of high-end equipment. Without rolling bearings, high-speed trains cannot run, aircraft cannot fly, and satellites cannot operate normally. As modern industry and scientific research technology advance, the application of rolling bearings becomes more widespread: the size width becomes larger, the bearing capacity becomes stronger, the speed becomes faster, and the requirements of these applications on rolling bearings become much higher. The associated rolling bearing research is becoming more in-depth. Further tribological study is needed for rolling bearings such as the film forming properties, the oil layer distribution and flow pattern, the proper lubricants, the influence of the complicated structure, surface roughness and texture, the effects of extreme working conditions and special environments, etc. Therefore, researchers and practicing engineers are invited to contribute their most recent results to this Special Issue, entitled “Tribological Study in Rolling Bearing”.

Guest Editor

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Deadline for manuscript submissions

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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.*

Editor-in-Chief

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