

# Special Issue

## Tribology for Mechanical Engineering--2018

### Message from the Guest Editor

The conference “Tribology for Mechanical Engineering” is organized by the Mechanical Engineering Research Institute of the Russian Academy of Sciences, every two years, with great involvement from various universities and major industry players. The conference will take place in Moscow, Russia, 19–21 November, 2018. This year “Tribology for Mechanical Engineering” will celebrate the 80th anniversary of the Mechanical Engineering Research Institute of the Russian Academy of Sciences. The main objective of the conference is to share research ideas among researchers, students from universities, industries, institutions, and related agencies all around the world through oral presentations. The topics of the conference are:

- Fundamental problems of tribology
- Lubrication and lubricants
- Design and calculations of friction units
- Tribological materials science
- Tribodiagnosics and tribomonitoring
- Environmental problems of tribology
- Biotribology
- Micro and nanotribology

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### Guest Editor

Dr. Maksim Prozhega

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### Deadline for manuscript submissions

closed (19 November 2018)



## 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  
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