

# Special Issue

## Fluid-Film Lubrication

### Message from the Guest Editor

We consider the wider definition of fluid film lubrication to include any lubricating system where the fluid action is predominant, as opposed to dry rubbing of surfaces or to boundary lubrication. Fluid film lubrication occurs in various natural and man-made systems, such as synovial joints, bearings (sliding or rolling) and other various systems, and may include lubrication mechanisms other than that suggested by Reynolds.

The current Special Issue is aimed at the latest research into the mechanisms of fluid-film lubrication, lubricants and both new experimental and modelling approaches to the behavior of such systems. Topics of interest generally include (but not limited to):

- Fluid film
- Lubrication
- Lubricants
- Bearing
- Rolling
- Sliding
- Experimental
- Modelling
- Materials

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### Guest Editor

Prof. Dr. Romeo Glovnea

Head of Department of Engineering and Design, School of Engineering and Informatics, University of Sussex, Brighton, UK

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### Deadline for manuscript submissions

closed (15 July 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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).