

# Special Issue

## Selected Papers from the 60th German Tribology Conference 2019

### Message from the Guest Editors

The German Society of Tribology (GfT) will celebrate a double anniversary this year: 60 years ago, the “Gesellschaft für Schmiertechnik (GST)”, predecessor of the GfT was founded. As annual conferences were held from the beginning, this year’s Tribology conference will also be the 60th. Even after all these years, there is no shortage of new issues in the areas of friction, lubrication, and wear: Alternative fuels require adapted lubricants, electric mobility calls for low-friction, highly efficient components, energy transition and stricter environmental legislation entail new demands on tribologically stressed components and their materials. The idea behind this Special Issue is to create a comprehensive collection of peer-reviewed articles that address the specific themes of research covered by the 60th German Tribology Conference 2019. **A 50% discount on the Article Processing Charges is available for all the attendees of 60th German Tribology Conference 2019.**

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### Guest Editors

Dr. Christoph Wincierz  
Dr. Thomas Gradt  
Prof. Dr. Adrian Rienäcker

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### Deadline for manuscript submissions

closed (31 October 2019)



## 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  
School of Engineering, University of Lancashire, Preston PR1 2HE, UK

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).