

# Special Issue

## In Commemoration of Professor Duncan Dowson: Tribology: Hydrodynamics, Elastohydrodynamics and Biotribology

### Message from the Guest Editors

It is with great sadness that we note the passing of Professor Duncan Dowson on 6th January 2020. Duncan was an esteemed member of the Editorial Board of this journal. This journal recognised his immense long-standing achievements in 2018 by establishing the Duncan Dowson Travel Grant, which is subject to competition by young PhD and Post-doctoral researchers intending to present at a tribology-related conference. *Lubricants* is honoured to announce this very Special Issue dedicated to the memory of Duncan Dowson, edited by guest editors Nicholas John Morris and Patricia Johns-Rahnejat, who were fortunate enough to have known Duncan personally and to have worked with him and enjoyed his advice and guidance. We invite original contributions in the following fields of research:

- Hydrodynamic lubrication and cavitation; for example, in engine tribology;
- Elastohydrodynamic lubrication; for example, in gears, bearings, cam-followers;
- Lubrication of synovial joints and synovial joint arthroplasty.

### Guest Editors

Dr. Nicholas John Morris

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### Deadline for manuscript submissions

closed (15 December 2020)



## 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 Central Lancashire, Preston PR1  
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#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Mechanical Engineering)

#### Rapid Publication:

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).