Special Issue

Tribology of Biomaterials

Message from the Guest Editors

Among all the tribology topics, nowadays the characterization of biomaterials and materials for biomedical applications is one of the more investigated areas. Besides the study of friction and the endurance life of materials for prosthesis, especially for orthopedic and dental applications, the investigation of the friction of human skin and contact lenses has attracted the attention of an increasing number of tribologists. Furthermore, the interaction conditions of medical devices and different organs of human beings is increasingly required to establish both best practices during chirurgic actions and to develop new generations of prostheses and artificial organs. Additionally, the investigation of natural materials, both plant and animal, is also a relevant topic that will allow the development of new biomimetic materials. This Special Issue will publish full research papers, communications, and review articles. Topics of interest generally include (but not limited to):

- Biotribology
- Friction and wear of biomaterials
- Tribological behavior of medical devices
- Friction and wear of biomimetic materials

Guest Editors

Prof. Dr. Amilcar Ramalho

Centre for Mechanical Engineering, Materials and Processes, University of Coimbra, Coimbra, Portugal

Prof. Dr. José R. Gomes

Department of Mechanical Engineering, Universidade do Minho, Braga, Portugal

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Lubricants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
lubricants@mdpi.com

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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

Prof. Dr. Homer Rahnejat
School of Engineering, University of Lancahire, Preston PR1 2HE, UK

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