Special Issue

Tribological Behavior of Metal Coatings

Message from the Guest Editors

The tribological behavior of metal coatings is a Special Issue of *Lubricants* dedicated to spreading quality scientific contributions on the tribological behavior of hard metal coatings obtained by PVD, CVD, plasmaassisted and electroless processes, among others. In this Special Issue, the tribological fundamentals of nitrides, carbon nitrides and titanium aluminum nitrides in the machining and forming process are of interest. Research reports on coatings obtained by plasma spray and related techniques for highly abrasive applications, and investigations of coatings' phase transformation induced by friction and temperature, are welcome. Manuscripts on the relation among coatings' microstructure, mechanical behavior and tribological performance are encouraged to be submitted.

Guest Editors

Prof. Dr. Ricardo D. Torres

Department of Mechanical Engineering, Polytechnic School, Pontifícia Universidade Católica do Paraná, Rua Imaculada Conceição, 1155, Prado Velho, Curitiba 80215-901, PR, Brazil

Prof. Dr. Fred Lacerda Amorim

Department of Mechanical Engineering, Polytechnic School, Pontifícia Universidade Católica do Paraná, Rua Imaculada Conceição, 1155 -Prado Velho, Curitiba 80215-901, PR, Brazil

Deadline for manuscript submissions

closed (30 October 2023)



Lubricants

an Open Access Journal by MDPI

Impact Factor 3.1 CiteScore 3.6



mdpi.com/si/164349

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

mdpi.com/journal/ lubricants





Lubricants

an Open Access Journal by MDPI

Impact Factor 3.1 CiteScore 3.6



lubricants



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

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 14.6 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 2024).

