





an Open Access Journal by MDPI

## **Tribology for Lightweighting**

Guest Editors:

## Dr. Montserrat Vilaseca

Eurecat, Centre Tecnològic de Catalunya, Unit of Metallic and Ceramic Materials, Plaça de la Ciència 2, 08243 Manresa, Spain

## Dr. Leonardo Pelcastre

Division of Machine Elements, Luleå University of Technology, SE-97187 Luleå, Sweden

Deadline for manuscript submissions:

30 June 2024

## **Message from the Guest Editors**

The emerging lightweighting solutions and tribological optimization are essential for decreasing emissions and the carbon footprint in automotive-related applications. Durability, friction control, wear protection and sustainability are interlinked. This Special Issue is aimed at the latest research on advanced lubricants for automotive parts subjected to harsh tribological requirements and for manufacturing processes of automotive components using advanced materials for lightweighting.



