



## 2D Materials in Tribology

Guest Editor:

**Dr. Paolo Restuccia**

Department of Physics and  
Astronomy, University of  
Bologna, Viale Carlo Bertini Pichat  
6/2, 40127 Bologna, Italy

Deadline for manuscript  
submissions:

**31 July 2024**

### Message from the Guest Editor

This Special Issue on “2D Materials in Tribology” can be the perfect opportunity for researchers working in experimental and theoretical fields to update the community on cutting-edge applications concerning 2D materials as friction modifiers.

The potential topics include, but are not limited to:

- Experimental applications of 2D materials as lubricant additives;
- Computational and theoretical works that can shed light on the atomistic mechanisms of lubrication in 2D materials;
- Innovative study related to superlubricity, an intrinsic property of 2D lubricant materials;
- 2D materials used in cutting-edge tribological fields, such as in the triboelectric effect.

