



Carbon Nanomaterials as Promising Solid Lubricants to Tailor Friction and Wear

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Message from the Guest Editors

Dear Colleagues,

This Special Issue exclusively aims at the latest developments in the field of carbon nanomaterials used as solid lubricants under dry sliding conditions. In this context, the range of carbon nanomaterials includes carbon black, graphene and its derivatives, carbon nanotubes, carbon onions, nanodiamonds, and many others. Furthermore, advanced materials characterization enabling a more detailed understanding of the underlying mechanisms to reduce friction and wear are highly welcome in this Special Issue. Moreover, numerical work based upon different approaches and a cross-correlation to experimental findings also fall within the scope of this Special Issue. Principal topics include, but are not limited to:

- Carbon nanomaterials
- Solid lubricants
- Dry friction
- Friction and wear mechanisms
- Advanced materials characterization

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