



Tribology and Tribo-Related Applications of Nanocomposites

Guest Editor:

Dr. Shuaihang Pan

Department of Mechanical and
Aerospace Engineering,
University of California-Los
Angeles 420 Westwood Plaza, Los
Angeles, CA 90095, USA

luckypsh@g.ucla.edu

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Message from the Guest Editor

The study into the tribological nature of nanocomposites, as well as the related surface science, wear mechanics, material design, and tribological measurement advances, has yielded many exciting results in recent years. Considering the rapid development and huge demands for the design of novel nanocomposites for tribological and related applications, this Special Issue focuses on “Tribology and Tribo-Related Applications of Nanocomposites”.

In particular, topics of interest include, but are not limited to, the following:

- Design of novel nanocomposites (polymers, metals/alloys, and ceramics) for tribology;
- Advanced technologies for tribo-measurements in nanocomposites;
- Modeling and simulation of tribology in nanocomposites;
- Fundamental science related to the tribological performance of nanocomposites;
- Extended applications of nanocomposites in tribo-related fields;
- Insightful opinions and comments on the tribo-research of nanocomposites.



Editors-in-Chief

Dr. Alessandro Lavacchi

Istituto di Chimica dei Composti
OrganoMetallici (ICCOM-CNR),
Via Madonna del Piano 10, 50019
Sesto Fiorentino, Firenze, Italy

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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