



Manufacturing and Surface Engineering III

Guest Editor:

Dr. Alicia Esther Ares

Instituto de Materiales de
Misiones, Universidad Nacional
de Misiones, Buenos Aires
C1417DSE, Argentina

Deadline for manuscript
submissions:

closed (15 August 2022)

Message from the Guest Editor

Dear Colleagues,

The desired properties of surface components include the improvement of different properties, such as aesthetic appearance, oxidation resistance, wear resistance, mechanical properties, electronic or electrical properties, thermal insulation, and corrosion resistance through barriers.

These properties can be enhanced using different methods, such as by adding a coating. Nevertheless, the bulk of the material or substrate cannot be considered independent of the surface treatment.

Potential topics for this Special Issue include, but are not limited to, the full range of surface engineering aspects, i.e., surface integrity, contact mechanics, friction and wear, coatings and surface treatments, multiscale tribology, computational methods, and optimization techniques applied in surface engineering.

Contributions to this Special Issue are welcomed on all subjects of manufacturing and surface engineering. We especially welcome are papers that raise new questions and new possibilities, or examine old problems from a new angle.





Editors-in-Chief

Prof. Dr. Wei Pan

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

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies 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 in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Surfaces, Coatings and Films)

Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/coatings
coatings@mdpi.com
X@Coatings_MDPI