

Special Issue

Selected Papers from the 10th International Conference on Tribology in Manufacturing Processes (ICTMP2024)

Message from the Guest Editors

Dear colleagues, We are pleased to invite you to the 10th International Conference on Tribology in Manufacturing Processes & Advanced Surface Engineering (ICTMP2024), which will be held from 26–28 June 2024, in Alcoy, Spain. It will serve as the primary platform on which to present the latest tribological research, including the latest advancements in tribology in manufacturing processes and joining techniques, such as advanced lubricants and lubrication techniques, surface engineering and coatings, friction, wear, and contact mechanics. The conference topics related to coatings are as follows:

- Nanofluids and innovative lubricants;
- Tribological performance of advanced lubrication systems;
- Thin films and nanocoatings for wear and corrosion protection;
- Self-lubricating coatings and solid lubricants;
- Surface texturing and micro/nano-patterning;
- Tribochemistry and tribofilms;
- Surface fatigue and tribocorrosion

The papers presented will be published in the proceedings of the conference. In addition, a Coatings Special Issue dedicated to ICTMP2024 will be open to the submission of selected outstanding papers. We look forward to meeting you in Alcoy!

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/196718

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About the Journal

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.

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