

Special Issue

Surface Finishing and Novelty of Coatings Systems for Modified Wood and Wood-Based Composites

Message from the Guest Editors

Solid wood and wood-based products are widely used in architecture, structural engineering, and design, but due to their natural composition, the material undergoes deterioration over time, decreasing the properties' performance, which makes the application of coating products necessary. We would like to invite you to disseminate your latest research results by contributing to a Special Issue of the Coatings journal.

This Special Issue will serve as a forum for papers in the following concepts:

Surface finishing of solid wood, wood-based composites, and modified wood products;

Properties of modified wood-based surface, including weathering studies, resistance to abiotic and biotic factors;

Adsorption-desorption phenomena on surfaces of finished solid wood, wood-based composites, and modified wood products;

Multifunctional coatings, decorative products, and fire-retardant and/or UV-retardant wood coatings;

Composites and modified wood tailored for different applications.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2024)



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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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