

# Special Issue

## Surface Engineering Treatments and Innovative Coatings for Additive Manufacturing Materials

### Message from the Guest Editors

The scope of this Special Issue will serve as a forum for papers addressing the following concepts:

- Manufacturing characterization and the determination of the mechanical properties of additive manufacturing based on a theoretical and/or practical simulation;
- Determination of the service life performance of additive manufacturing parts;
- Mechanical/thermal surface treatments and coating operations for additive manufacturing parts;
- Manufacturing and performance optimization of additive manufacturing;
- Optimization of surface engineering and coating processes of additive manufacturing;
- Innovative coating and surface engineering applications and optimization;
- Innovative coating and surface engineering application modeling, finite element analysis, and optimization.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Okan Unal

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### Deadline for manuscript submissions

closed (20 July 2024)



## Coatings

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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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### Editors-in-Chief

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