

Special Issue

Advanced Coatings and Surface Engineering for Space Applications

Message from the Guest Editor

We are seeking contributions to this Special Issue of *Coatings* dedicated to space applications. Coatings have played a vital role in spacecraft and instruments over several decades, providing unique optical properties, thermal and electromagnetic protection, and low friction and wear resistance, to name but a few. The privatization of space and the increasing popularity of small satellites (CubeSats) poses new technical challenges and increases the emphasis on efficiency and cost-effectiveness. Therefore, this Special Issue of *Coatings* will focus on the design, fabrication, characterization, testing, and use of metallic, ceramic, and polymeric coatings for space applications. The goals of this Special Issue are to review the coating technologies traditionally used in space applications, to provide information about recent advances and emerging technologies, and to explore new research opportunities in this exciting and growing field. I look forward to reading your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (10 January 2022)



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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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