



Recent Developments of Electrodeposition Coating

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Deadline for manuscript
submissions:

closed (10 November 2020)

Message from the Guest Editor

Dear Colleagues,

I would like you to encourage to focus on two topics. The first topic is the biocoatings and the second the hybrid, gradient, and composite coatings, in both cases obtained by any of electrochemical techniques such as, e.g. electrocathodically-assisted deposition, electrophoretic deposition or micro-arc oxidation.

The electrodeposition seems better than any other so far developed, because the first coatings often bring out the best combination of properties, adjusting of technological properties, the possibility to precisely design and fabricate the coating. Even so, the electrodeposition has still some weaknesses as its use to entirely cover the bulk of metallic scaffolds. Therefore, it is the third topic mostly preferred on the considered subject. However, the possible manuscripts are not in any way restricted to those three topics.

The best manuscript of each month, till the end of this Special Issue, will be entitled to the 50% discount.

Prof. D.Sc. Dr. Andrzej Zielinski

Guest Editor





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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.

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