

Special Issue

Diamond and DLC Thin Films and Coatings

Message from the Guest Editors

We are pleased to announce this Special Issue entitled "Diamond and DLC Thin Films and Coatings". Experimental investigations, simulations, and the modelling of the physico-chemical properties of diamond, DLC and ta-C coatings, as well as comparative studies involved in these coatings, are welcomed. The aim of this Special Issue is to present the latest experimental and theoretical developments in the field, through a combination of original research papers and review articles from leading groups around the world. In particular, the topics of interest include, but are not limited to, the following:

- Diamond and DLC thin films and coatings;
- The novel synthesis methods of diamond and DLC materials;
- The modelling and characterization methods of diamond and DLC thin films and coatings;
- The implementation of diamond and DLC materials in medicine;
- The applications of diamond and DLC thin films and coatings in the food industry;
- Surface-activated diamond and DLC thin films and coatings.

Guest Editors

Prof. Dr. Stanisław Mitura
Prof. Dr. Ireneusz Kotela
Dr. Michał M. Szczypiński

Deadline for manuscript submissions

closed (20 December 2023)



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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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