



Industrial Coatings: Applications and Developments

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Message from the Guest Editor

The journal *Coatings* will publish a Special Issue on "Industrial Coatings: Applications and Developments" during 2020. The coating technology is widely applied for surface modification of a great range of materials in order to promote their properties such as anticorrosion protection, surface hardness, thermal insulation, etc. The main focus of this Special Issue is cutting edge coatings, for protection against corrosion, mechanical stressing and for surface modification. The objectives of the issue will focus on deposition procedures that can be incorporated in industrial scale and coating properties that are potential candidates for mechanical and structural applications. Thus, the aim of this Special Issue is to present the latest applications and developments in the field of functional coatings, through a combination of original research papers and reviews from research groups around the world. In particular, the topics of interest include, but are not limited to the following:

- Protective coatings
- Coatings for surface hardening
- Smart coatings
- Powder coatings
- Composite coatings
- Novel coating materials
- Coating procedures and methods
- Coating testing





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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.

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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