



## Corrosion Characterization and Surface Analysis of Metallic Materials

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submissions:

**closed (28 February 2019)**

### Message from the Guest Editor

Various kind of coatings are used to mitigate corrosion. A deep understanding of the surface chemistry of such structures is of paramount importance. This Special Issue invites authors to prepare manuscripts regarding the effectiveness of coating corrosion prevention performance and its surface characterization.

In particular, the topics of interest include, but are not limited to:

- Surface analysis of coatings
- XPS, SIMS, and AES techniques for coating characterization
- IR and Raman spectroscopy on the metallic surfaces
- AFM and 3D-profilometry for topography studies
- Electrochemistry of the coated metallic materials





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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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