



## New Generation Coatings for Metals

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the emerging challenges for coatings of metals. This topic is broad reaching with applications extending from deep sea environments to space applications. From a materials science perspective, new generation coatings represent a range of coating types and substrates that need to be protected.

In particular, the topic of interest includes but is not limited to

- Responsive or self-healing coatings
- Coatings for extreme environments
- Improvements to barrier properties of current technologies
- Coatings with improved functionality
- Coatings with smaller environmental footprints

Prof. Dr. Tony Hughes

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*Guest Editors*





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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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