



Surface Modification of Metallic Materials

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Message from the Guest Editors

Dear Colleagues,

The increasing demand for high performance, increased lifetime, and reliability, as well as high energy efficiency and low environmental impact of metal-based engineering components has been fueling the growth of surface modification technologies in last few decades. While many overlay coatings and surface treatments for metallic materials are in commercial use, other emerging technologies and coating systems are still in research and development stage, aiming to achieve tailored surface properties for applications in different fields: aerospace, automotive/motorsport, energy generation, storage and management, biomedical and orthopedic implants, and robotics and automation. Another powerful driver for development of new surface modification technologies is the transition towards a more sustainable use of energy sources and raw materials.

Therefore, in the Special Issue on “Surface Modification of Metallic Materials”, we will bring together a collection of works highlighting recent achievements on coatings and surface treatments for metallic materials, with a special focus on friction and wear control.

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Message from the Editor-in-Chief

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