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Development of Mechanical, Corrosion Resistance, and Antibacterial Properties of Metallic Materials II

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Message from the Guest Editors

Dear Colleagues,

The scope of this Special Issue “Mechanical, Corrosion Resistance, and Antibacterial Properties of Metallic Materials” includes research on the latest developments in materials mechanical properties and characterization, pure/applied corrosion and phenomena, and advanced understanding of bacterial adhesion with induced antibacterial properties of metallic materials.

The papers are welcome to provide:

- Advanced understanding of the structure and mechanical properties of metallic materials as well as the discovery or development and characterization of the structure of improved metallic materials with novel functional or mechanical properties of potential engineering interest;
- Latest developments in areas of corrosion mechanisms and corrosion control, passivity, anodic oxidation, and biochemical corrosion;
- Improvements of the antibacterial properties of metallic materials by changing the chemical composition of metallic materials or by the application of specific coatings.

Prof. Dr. Marjetka Conradi

Dr. Aleksandra Kocijan

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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