



Microstructure and Corrosion Behavior of Advanced Alloys

Collection Editor:

Dr. Marián Palcut

Slovak University of Technology
in Bratislava, Bratislava, Slovakia

Message from the Collection Editor

In this Special Issue, original research papers and reviews focused on the complex relationships between the microstructure, phase constitution, and corrosion behavior of metallic materials will be presented. Furthermore, possibilities for increasing the corrosion resistance of metallic materials by means of surface modification and application of protective layers will be explored. Both high temperature and low temperature corrosion studies in aqueous and non-aqueous electrolytes are welcome as long as they investigate the electrochemical processes taking place at the material's interfaces.

Keywords

- light metals and alloys
- ferrous and non-ferrous alloys
- complex alloys
- electrochemistry of corroding interfaces
- local corrosion
- corrosion-resistant coatings and their characterization
- surface modification of advanced alloys





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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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