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## Titanium Alloys - Materials for Special Tasks

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Deadline for manuscript  
submissions:

**closed (20 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Titanium alloys are an advanced metallic material, characterized by unique physical and chemical properties—mainly high specific strength combined with very good corrosion resistance. Several groups of structural alloys, including single- and two-phase alloys, as well as TiAl intermetallic alloys, have been developed over several decades. It is accepted that titanium-based materials are used in advanced and key human industrial and economic sectors, such as aerospace, fuel-energetic industry, and medicine. A significant share of the expansion of their use is due to modern manufacturing and processing technologies, such as additive manufacturing (AM) or friction stir welding (FSW) methods.

This Special Issue aims to collect works related to various aspects of research on titanium alloys and Ti-based matrix composites, as well as manufacturing and processing methods and material characterization.

It is our pleasure to invite you to submit manuscripts for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Maciej Motyka  
Prof. Dr. Janina Adamus  
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*Guest Editors*





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## Message from the Editor-in-Chief

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