

## Special Issue

# Intermetallic Alloys: Preparation, Properties and Applications

### Message from the Guest Editor

Intermetallics are a special group of metallic materials whose properties allow use under conditions in which conventional metallic materials fail—these conditions include high temperatures, aggressive corrosive environments, and extreme abrasive and adhesive stresses. Many intermetallic compounds show very good physical and mechanical properties, specifically very good thermal stability, high melting point, good corrosion resistance, and low density, which makes them suitable candidates for high-temperature applications. However, these materials show limited ductility and higher brittleness, especially at low temperatures, which is an obstacle to their wider use. It is my great pleasure to invite all researchers from the community of researchers studying intermetallics to submit a manuscript in the field for this Special Issue **“Intermetallic Alloys: Preparation, Properties and Applications”**. **Keywords** intermetallic alloys, powder metallurgy, aluminides, preparation, characterization, microstructure, mechanical properties, corrosion resistance, sintering

### Guest Editor

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### Deadline for manuscript submissions

closed (10 August 2023)



## Materials

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### Message from the Editor-in-Chief

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