# Special Issue

## Casting and Forming of Light Alloys

### Message from the Guest Editor

With the rapid development of aviation, aerospace, navigation, automotive, electronics and other fields, the demand for light alloys components is increasing, and the performance requirements are higher and higher, especially large complex light alloy components. Therefore, high-performance light alloys will have a great application potential in the future. Casting and forming of the light alloys constitute an important step to obtain the large and complex light alloys components with high performance. Together with the compositions of the light alloys, they determine the formability, defect, microstructure and mechanical properties of the light alloys. Common light alloys such as aluminum, magnesium, titanium alloys or their composites are considered. Special attention should be paid to the relationships between the process conditions, the microstructural features, and the mechanical properties.

### Guest Editor

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### Deadline for manuscript submissions

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# About the Journal

## Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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