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## Advanced Light Metal and Alloys: Preparation, Characterization, and Applications

Guest Editor:

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Deadline for manuscript submissions:

**closed (20 September 2023)**

### Message from the Guest Editor

The aim of this Special Issue, “Advanced Light Metal and Alloys: Preparation, Characterization, and Applications”, is to present recent advancements in various aspects related to material design, processes and applications. These include, but are not limited to:

- The development of advanced light-weight metals and alloys with high strength, high temperature resistance, corrosion resistance, and other excellent properties;
- The design of high-performance light-weight metals and alloys using empirical, theoretical and computational methods, including DFT, deep learning, and so on;
- The development of new process methods and heat treatment methods of light-weight metals and alloys including friction stir processing (FSP), additive manufacturing (AM), and related topics;
- Microstructural evolution and related mechanism exploration in light-weight metals and alloys subjected to deformation, corrosion, creep and other processes.

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# Special Issue



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## Message from the Editor-in-Chief

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