



## High-Performance Heterogeneous Nanostructured Materials

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (15 March 2022)**

### Message from the Guest Editors

Dear Colleagues,

The current Special Issue aims to summarize the state of the art of research progress of various high-performance heterogeneous nanostructured metals and alloys, including

(i) mechanical properties (e.g., strength, ductility, fatigue, creep, phase transformation, and wear behaviors)

(ii) advanced fabrication methods (e.g., severe plastic deformation techniques, laser treatment/additive manufacturing, machining technology, etc.)

(iii) microstructure characterizations responsible for the formation and underlying plastic deformation mechanisms.

Research papers related to experiments, computational simulations/high-throughput computing, and theoretical modeling are all welcomed.





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## Editor-in-Chief

### **Prof. Dr. Alessandra Toncelli**

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## Message from the Editor-in-Chief

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