



Design, Characterization and Novel Applications of Shape Memory Alloys

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Message from the Guest Editors

Shape memory alloys (SMAs) have the ability to change their shape, properties and structure as a function of the applied temperature, stress or magnetic field. In this Special Issue of *Materials*, the attention is focused on the latest developments of this kind of material, on novel synthesis and processing methods and on potential applications in many fields (automotive, aerospace, biomedical, advanced engineering and so on). Contributions related (but not limited) to the following topics are strongly encouraged:

SMA synthesis;

SMA novel processing technologies;

SMA new developments and applications;

SMA-based sensors, actuators or both;

SMA experimental characterization;

SMA thermo-mechanical simulation;

SMA actuators control;

SMA micro actuators;

SMA hybrid actuators.

Contributions from academic and applied researchers are encouraged in this Special Issue.

Full Papers, communications and reviews are all welcome.





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Message from the Editor-in-Chief

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