



Magnetocalorics

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to magnetocaloric materials, technologies, and devices with magnetic phase transformations accompanied by the caloric effect.

A magnetic phase transition in a magnetocaloric material can be caused not only by a change in the applied external magnetic field, but also by a variation of temperature, pressure, stress, strain, or another stimulus. Multicaloric materials exhibit caloric responses to several external stimuli. The multicaloric effect is a combination of more than one effect from a subset of magneto-, electro-, elasto-, and barocaloric effects.

In this Special Issue, we would like to combine reports on magnetocalorics and related interesting topics, describing scientific discoveries, novel materials, new technologies and devices, theoretical limits, and future anticipations. Some of the topics are listed as the keywords. We welcome theory and experiment, reviews of the current state of the art, and any research related to the magnetocaloric effects, materials, technologies, and devices.





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Message from the Editor-in-Chief

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