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Advances and Frontiers in Magnetostrictive Materials

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Deadline for manuscript submissions:

closed (31 March 2021)

Message from the Guest Editor

Dear Colleagues,

You are cordially invited to submit contributions to this Special Issue, which aims to publish highly rated manuscripts presenting recent developments and applications of a broad range of magnetostrictive materials including material development, design and fabrication of sensor systems, theoretical considerations, numerical simulations and experimental results. Papers exploring the research frontiers of magnetostrictive materials and their applications are explicitly welcome.

Topics include but are not limited to the keywords listed as follows:

Giant magnetostriction
Magnetomechanical effects
Magnetostrictive materials in sensor technology
Magnetostrictive materials in actuator technologies
Magnetostrictive materials in energy harvesting
Magnetostrictive polymer composites
Magnetostrictive materials in magnetoelectricity
Non-Joulian magnetostriction
Self-sensing with magnetostrictive materials
Straintronics
Technology of magnetostrictive materials













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Message from the Editor-in-Chief

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