



Magnetostrictive Transducers, Sensors, and Actuators

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Message from the Guest Editors

Dear Colleagues,

Sensors and actuators are key elements of any control system. In the last two decades, smart materials have played a significant role when it comes to enhancing the performance of mechatronic systems in industries. The high magneto-mechanical coupling coefficient, high Young's modulus, and low cost combined with the ductility of some alloys and operating in the harsh environment make the magnetostrictive material a suitable candidate for manufacturing sensors and actuators.

This Special Issue aims to highlight advances in the development, testing, modeling, and controlling of magnetostrictive transducers, on the component level as well as within control systems.

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