Special Issue

Microscale Sensing and Actuation in MEMS

Message from the Guest Editor

The proposed Special Issue will focus on recent advances in microscale sensing and actuation principles and techniques to realize high performance MEMS devices. Emphasis will be on novel and innovative approaches to address low-voltage sensing and actuation at small and large deflections, stress management, electrostatic and mechanical nonlinearities, frequency drift, thermal drift, dielectric charging, energy cross-coupling, etc., to improve device modeling and performance, fabrication, resolution, functional stability, reliability, and 3D integration of heterogeneous MEMS devices with drive and control electronics.

Guest Editor

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Deadline for manuscript submissions

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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