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## Application of Ferroelectric Thin Films in MEMS

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Deadline for manuscript submissions:

**closed (20 September 2022)**

### Message from the Guest Editors

Papers are invited in the following areas related to this topic:

- Growth and characterization of ferroelectric thin films for MEMS;
- Functional properties (piezoelectric, pyroelectric, dielectric, electro-optic etc) of ferroelectric thin films for MEMS;
- Processing of ferroelectric thin film MEMS devices;
- Piezoelectric MEMS actuators and sensors;
- Piezoelectric microfluidics;
- Thin film piezoelectric devices such as FBAR and SMR;
- Thin film piezoelectric resonant sensors;
- Piezoelectric MEMS ultrasound devices for use in air and aqueous environments;
- Thin film pyroelectric infra-red detectors and energy recovery devices;
- Thin film electrocaloric devices;
- Ferroelectric MEMS optical devices;
- Theory of ferroelectric thin film MEMS materials and devices.



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**Special** Issue



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## Message from the Editor-in-Chief

*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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