



Resonant Microsensors

Guest Editor:

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Deadline for manuscript
submissions:

closed (1 September 2020)

Message from the Guest Editor

Dear Colleagues,

The measurement of minute changes in mass or properties of gases and liquids is best approached by making use of electromechanical resonances. The classical example is the piezoelectric quartz microbalance to weigh thin films. Applications in liquids range from condition monitoring for engine oils to highly specific biosensors. With the rise of MEMS technology, the principle of resonant sensors was realized in a wide variety of devices, such as microcantilevers or miniaturized tuning fork resonators.

The Special Issue on Resonant Microsensors addresses recent advances in the field focusing on fabrication, analysis, and application. A topical workshop will be organized in May 2020 at JKU Linz, Austria. You are welcome to preregister by email to erwin.reichel@jku.at to stay informed about the upcoming activities. Participants are invited to submit a contribution to the MDPI *Micromachines* Special Issue on Resonant Microsensors by September 1st, 2020.





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