Special Issue

Micro/Nano-resonators for Sensing

Message from the Guest Editor

In the last decades Micro/Nano-resonators have emerged as excellent tools for sensing. Their applications cover a large range of fields going from the detection of extremelly tiny forces to clinical diagnosis. As the size of the devices has been minituarized, researchers have improved considerably their sensititity. Regarding biosensing, Micro/Nano-resonators have been used to detect and weigth single cells, viruses and even proteins, which finds enormous applications not only in clinical dianosis but also in biomedicine.

This Special Issue aims to gather the Micro/Nano-resonator sensing community and emphasize the relevance of this field in plenty of diverse scientific areas. We invite manuscripts for this forthcoming Special Issue on all aspects regarding the application and implementation of these devices, such as advances in fabrication, design and modeling, novel approaches and applications, etc. Both experimental and theoretical contributions are welcome.

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