# Special Issue

# Thin Film Based Sensors

### Message from the Guest Editors

The goal of this *Special Issue on Thin Film Based Sensor Devices* is to give a survey about the state-of-the-art on organic and inorganic thin films sensor based devices, which allow the detection of a determined molecular specie or set of molecules on a complex media, in order to compile, criticize and systematize the achieved knowledge and to provide guidelines for a next generation of quantifying and selective sensor devices. Under this compliance we are lauching the challenge for the submition of review like contributions covering both theoretical and practical aspects in the field of thin films sensor devices made of functional molecular layers, capable of detection and quantification particularly in complex media. A wide range of experimental techniques for the obtention of molecular layers can be envisaged herein as for example Langmuir-Blodgett, self-assembly, layer-by-layer, molecularly imprinted polymers, sol-gel, casting, spin-coating, vaccuum evaporating, plasma assisted deposition, electron beam deposition, chemical vapour deposition or molecular beam epiatxy.

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### Deadline for manuscript submissions

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