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## Advanced Sensors and Sensing Materials-Selected Papers from Advanced Materials World Congress, 23-26 August Stockholm, Sweden

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 October 2015)**

### Message from the Guest Editor

Dear Colleagues,

An emphasis on detection techniques requires the use of advanced materials and new methods. The purpose and appeal of these detection techniques is derived from organic spin crossover, inorganic, and composite materials, which could be unique for sensor fabrication. The influence of a material's length, composition, and conformation structure on a material's properties, and the possibilities of adjusting sensing properties by doping or adding the side-groups, indicate the starting point of multifarious sensing. The role of inter-molecular interactions, polymer and ordered phase formation, as well as behavior under pressure, and under magnetic and electric fields, are also important factors to be considered in the processing of ultra-sensing materials. Topics for this Special Issue include:

**Advanced Sensors and Sensing Materials** based on/for nanomaterials and nanotechnology; biomaterials and biodevices; optical, electronic, magnetic, structural, computational, composite, ceramic, construction, and engineering materials; environmental and green materials.

Dr. Ashutosh Tiwari

*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

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