

## Special Issue

# Two-Dimensional Transition Metal Dichalcogenides

### Message from the Guest Editor

The isolation of graphene opened the gate to a vast field devoted to the study of inorganic two-dimensional materials. Among the different two-dimensional materials beyond graphene, the family of transition metal dichalcogenides has recently attracted the interest of the scientific community as a large variety of electronic behaviors, ranging from wide band gap semiconductors to superconductors, is exhibited by the different members of this large family of two-dimensional materials. This Special Issue aims to cover the entire range of fundamental, applied and practical subjects associated with the synthesis, characterization and development of transition metal dichalcogenide-based devices.

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### Guest Editor

Dr. Andres Castellanos-Gomez

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### Deadline for manuscript submissions

closed (31 July 2016)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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