Special Issue

Self-Assembly on Transition Metal Surfaces

Message from the Guest Editor

As many of you are aware, the self-assembly of organic molecular species onto high-symmetry, low Miller Index transition metal surfaces has been shown to be useful in many application areas, including biosensing, semiconductors, superconductors, photonics, and more. Topics of utmost interest are application areas including (but not limited to):

- Quantum dots from organic molecular adsorbates on transition metal surfaces;
- Chiral trapping from organic adsorbates on transition metal surfaces;
- Self-assembled organic heterojunction films on transition metal surfaces;
- Self-assembled organic superconducting films on transition metal surfaces;
- Bio-sensing/targeted adsorption on transitional metal surfaces;
- Chiral photonic films from organic molecules on transitional metal surfaces.

Contributions from all related and allied research disciplines on the listed topics are welcome. Similarly, contributions from industry, government research lab, or academia will all be given equal consideration.

Guest Editor

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Deadline for manuscript submissions

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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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