Special Issue

Hybrid and Composite Coatings and Thin Films

Message from the Guest Editors

Composite coatings are those coatings assembled together or dispersed as minor phases (organic or inorganic) in a major component phase (inorganic or organic) to improve their individual properties. If the minor phase has nanometric dimensions, the coatings are nanocomposites. In the particular case that one or more phases are produced from molecular precursors during the nanocomposite formation and one of them is organic while the other is inorganic, we obtain hybrid inorganic–organic materials.

Nanocomposite coatings, either organic–inorganic or inorganic–inorganic, have excellent properties for anticorrosion, antimicrobial, antifogging, and self-cleaning applications, as well as unique optical properties.

New achievements are rapidly expanding our knowledge in the area, thus leading to promising applications of these materials in different domains of science and technology. Therefore, its our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editors

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Prof. Sara Aldabe Bilmes

Dr. Michel Wong Chi Man

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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