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Hybrid and Composite Coatings and Thin Films

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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, it is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.



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Special Issue



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Message from the Editor-in-Chief

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