# Special Issue

# Nano-Composite Thin Films: Synthesis, Properties, and Applications

## Message from the Guest Editors

Nano-composite thin films are a new generation of coatings that produce desired surface properties and improved functional performance for materials. This Special Issue encompasses three main parts of the development of nano-composite thin films and coatings. The first part deals with the synthesis and fabrication, the second part focuses on the characterization of the properties and performances, and the third part concentrates on the application and importance of nano-composites thin films. The developed coatings can be used in a variety of applications, such as biomedical parts and implants, electronics and sensor technology, optoelectronics, tribology, environmental protection and shielding, energy conversion, medicine, and drug delivery systems. Studies focused on novel methods in the design, synthesis, and deposition of nano-composites thin films, and their advanced materials behavior and performance are highly recommended for publication in this Special Issue.

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## Deadline for manuscript submissions

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