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Metal and Metal-Oxide Film Deposition

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Deadline for manuscript submissions:
closed (20 March 2019)

Message from the Guest Editors

This Special Issue invites most recent and advanced approaches in the area of nanostructured materials, where our focus is, in particular, on metal and metal-oxide films. Novel approaches of nanostructured materials related to fabrication, characterization methods, properties, underlying physics, numerical investigations or new applications are of interest to this Special Issue creating a platform for discussion and new thoughts in this important area. Metal and metal-oxide film deposition is of interest and applied across industries. Examples of active scientific work are thin-film metamaterials with unique properties, coatings with superior protecting properties, new sensing materials, or advanced multilayers, to name a few. Hence, we are inviting authors to report and discuss their newest findings in material science, engineering, biological and medical sciences, and physics.

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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