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Atomic Layer Deposition: From Thin Films to Nanostructured Materials

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Atomic layer deposition (ALD) is an ultrathin film deposition method. This technique allows the deposition of various materials (oxides, nitrides, metals, etc.) with a thickness control at the nanometric scale, as well as excellent uniformity and conformality.

The aim of this Special Issue is to assemble high-quality contributions on the deposition of thin films as well as the synthesis and modification of nanostructures using ALD. It will deal with the design of new thin films and nanostructures by tuning their morphology, geometry, crystallinity, and interfaces. The relation between these parameters and the physical–chemical properties will also be investigated. New applications in different fields, such as health, the environment, renewable energy, microelectronics, etc., will be also explored.

Relevant contributions related to prospective materials' design, original materials' properties, and innovative characterization techniques will also be considered.

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Message from the Editor-in-Chief

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