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# Pulsed Laser Deposition of Nanostructures, Thin Films and Multilayers

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## Message from the Guest Editor

In this Special Issue, the aim is to cover all relevant aspects of laser processing in thin film deposition, nanostructures, nanomaterials, and nanocomposites. Accordingly, this *Special Issue* welcomes original research and review manuscripts on the challenges and trends covering fundamental and experimental research—from the development of new experimental concepts to the transfer, chemical transformation, high-resolution patterning of advanced nanomaterials to the design and fabrication of devices, applications in catalysis, ecology, and environmental protection.

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## Editor-in-Chief


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## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call "nanomaterials". These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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