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Thin Layers Synthesis by Laser Methods

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Message from the Guest Editors

Dear Colleagues,

With the continuous progress of laser and laser-related technologies, more and more applications are being developed based on laser-matter interaction processes. High purity, good property control and a wide range of usable materials are just few arguments for laser technologies development in material science. The possibility of producing functional layers with different properties from the initial bulk material, as well as combinations of different materials in controlled structures with engineered macro properties, known as 'meta-materials', extends the applicability of laser-produced layers from biomaterials and sensors to nanotechnologies and optics applications.

This Special Issue will bring together new trends in laser deposition of thin films, laser-processed surfaces as well as laser-grown structures, focusing on the application of such layers and laser technologies.

It is our pleasure to invite you to publish in this Special Issue and we look forward to submit your research papers, reviews of the state of the art, or short communications.

Dr. Cristian Viespe

Dr. Aurelian Marcu

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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