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Thin Layers Synthesis by Laser Methods

Guest Editors:

Dr. Cristian Viespe

Laser Department, National
Institute of Laser, Plasma and
Radiation Physics, 077125
Magurele, Romania

Dr. Aurelian Marcu

Center for Advanced Laser
Technology (CETAL) Department,
National Institute of Laser,
Plasma and Radiation Physics,
077125 Magurele, Romania

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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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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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