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Selective Laser Sintering (SLS) of Materials

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Message from the Guest Editors

Selective Laser Sintering (SLS) has been effectively utilized over the past 15 years as a microcuring process for the fabrication of solid patterns with supreme electrical and mechanical properties. Unlike conventional sintering in an oven, which affects the entirety of a sample, SLS is a digital process offering a high resolution, as the laser irradiated heat-affected zone is extremely short and, therefore, associated thermal damage to the substrate or adjacent layers is substantially reduced.

For further information, please click:

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Prof. Costas P. Grigoropoulos
Guest Editors

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