Special Issue

Selective Laser Sintering (SLS) of Materials

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:
http://www.mdpi.com/journal/materials/special_issues/selective_laser_sintering

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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