Special Issue

Laser Sintering (LS) for Additive Manufacturing with Polymers

Message from the Guest Editor

Laser Sintering (LS) with plastics is one of the most promising additive manufacturing (AM) technologies today. It is currently regarded as the process that is most likely, in the future, to permanently cross the border between prototyping and the serial production of functional parts. This step is challenging because it means that the technology must meet certain requirements that are also valid for traditional and established production processes. Only by succeeding in this step will wide industry acceptance of LS be expected in the future.

- Laser Sintering (LS)
- Additive Manufacturing
- Laser
- Polymer Powder
- Powder Behaviour
- Intrinsic and Extrinsic Powder Properties
- Material-Radiation interaction
- LS-Process-Parameter
- LS-Equipment
- Related Powder-based Processes (MJF, HSS)

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2019)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/16844

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mdpi.com/journal/applsci

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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