Special Issue

New Materials and Approaches in Polymer Additive Manufacturing

Message from the Guest Editors

While AM offers many advantages over traditional manufacturing, several disadvantages including slow build rates, poor mechanical properties for plastic parts in particular, and a lack of industry standards for testing and evaluating the limits of the widespread use of the technology. New methods for processing and post-processing and new materials are needed to improve the quality of 3D-printed parts and the range of mechanical properties achievable. This Special Issue focuses on polymer-based additive manufacturing techniques. In particular, it is aimed at publishing cutting-edge original research and review papers on the latest advances in new materials and approaches in polymer additive manufacturing.

For more information, please click the following link: https://www.mdpi.com/journal/materials/special_issues/polymer_additive_manufacturing

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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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