

Special Issue

Modeling, Simulation and Data Processing for Additive Manufacturing

Message from the Guest Editor

Businesses based around additive manufacturing have experienced double-digit growth in recent years. Accordingly, we have witnessed huge efforts in material and equipment development, which have opened up new application possibilities not previously in existence. However, it can be seen that increasingly more development efforts are needed, not only in addressing hardware but also concerning the modeling of materials and designs, topology optimization, process simulation and optimization, data processing, and total process flow for AM parts. The objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest achievements and to identify critical issues and challenges for future investigations on “Modeling, Simulation and Data Processing for Additive Manufacturing”.

Guest Editor

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Message from the Editorial Board

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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