Special Issue

Additive Manufacturing of Composites, Volume II

Message from the Guest Editors

Currently, there is an increasing demand for high performance/fiber-reinforced composite/materials for structural applications in key industry sectors. At the same time, digital additive manufacturing has emerged as a relatively new and booming concept, a manufacturing method of extreme interest for further development and innovation with potential to bring complete modification of the production chain. The scope of this Special Issue is to present the latest developments in the field of 3D printing of fiber reinforced composites. Topics addressed include new additive manufacturing technologies covering various families of material extrusion, material lamination, binder jetting, selective curing/sintering, etc., especially designed for the processing of fiber-reinforced composites. New composite systems based on polymeric (both thermoplastic and thermoset), ceramic (oxide and non-oxide) or metallic matrices, containing either short or continuous fiber reinforcement, are also covered.

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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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