

## Special Issue

# Carbon Fiber Reinforced Polymers

### Message from the Guest Editor

This Special Issue aims to present recent advances in carbon fiber reinforced polymers, focusing on the emerging trends, both in carbon fibers and matrix development and in composite manufacturing technologies. Original articles and review papers will deal with the following themes, without being limited to them: Processing and characterization of both fibers (from low-cost precursors or re-use of waste or recycled carbon) and polymer matrices, microstructure evaluation, physical and structural characterization and testing, optimization of properties and processes including calculations, simulation of properties over length-scales and novel applications of carbon fibers reinforced polymers. Contributions on multiscale composites, advanced manufacturing processes, novel joining methods, cutting-edge joining and assembly processes are also encouraged. Studies on recycled carbon fibers, end of use solutions, life cycle assessment and durability of carbon fiber reinforced polymers, are also welcome.

### Guest Editor

Dr. Francesca Lionetto

Department of Engineering for Innovation, University of Salento, Lecce, Italy

### Deadline for manuscript submissions

closed (30 April 2021)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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