

Special Issue

Carbon-Based Polymer Nanocomposites

Message from the Guest Editors

In recent years, carbon-based polymer nanocomposites have gathered increasing interest thanks to the high efficiency of nano-sized carbon fillers in modifying the electrical and thermal conductivity of the polymer in which they are embedded, even at a very low content. Moreover, carbon fillers can significantly affect the thermal stability and mechanical and barrier properties, with a resulting multifunctional effect that makes them particularly desirable.

The aim of this Special Issue is to collect several studies on the development of advanced polymer nanocomposites based on carbon-based nanofillers (such as, for instance, carbon nanotubes, graphene, etc.). The submitted studies can deal with both thermoplastic and thermosetting polymers as a matrix. Papers presenting studies on the relationship between processing, morphology, and properties, as well as those focused on the development of novel technological applications, are particularly welcome in this Special Issue.

Guest Editors

Dr. Marco Monti

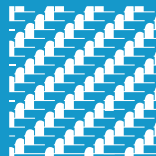
Proplast, Via Roberto di Ferro 86, 15122 Alessandria (AL), Italy

Dr. Ilaria Armentano

Department of Economics, Engineering, Society and Business Organization (DEIM), University of Tuscia, 01100 Viterbo, Italy

Deadline for manuscript submissions

closed (31 December 2022)



Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



mdpi.com/si/41777

Journal of Composites Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcs@mdpi.com

mdpi.com/journal/

[jcs](https://jcs.mdpi.com)





Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



[mdpi.com/journal/
jcs](https://mdpi.com/journal/jcs)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Francesco Tornabene
Department of Innovation Engineering, University of Salento, 73100
Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Composites) / CiteScore - Q1 (Engineering (miscellaneous))