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Rheological, Thermal and Transport Properties of Polymeric Nanocomposites

Guest Editor:

Prof. Dr. Carola Esposito Corcione

Department of Innovation Engineering, University of Salento, Via per Monteroni, 73100 Lecce, Italy

Deadline for manuscript submissions: closed (31 March 2022)



Dear Colleagues,

In materials research, the development of polymer nanocomposites (PN) is rapidly emerging as а multidisciplinary research field with results that could broaden the applications of polymers in many different industries. PN are polymer matrices that have been reinforced with small quantities of nanosized particles, preferably characterized by high aspect ratios, such as layered silicates and carbon nanotubes. Thermal analysis (TA), rheology, and transport property measurements are useful tools to investigate a wide variety of properties of polymers that can be also applied to PN in order to gain further insights into their structure. This Special Issue will focus attention on the versatile applications of TA methods, rheology, and transport properties in the emerging field of polymer nanomaterial research. It wishes to present examples of some of the applications of these different techniaues in the characterization of nanocomposite materials, focusing on the relationship between processing, structure, and properties. See more information in

https://www.mdpi.com/si/66339

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Guest Editor









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Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University of California Davis, One Shields Avenue, Davis, CA 95616-5270, USA

Message from the Editor-in-Chief

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Nanomaterials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/nanomaterials nanomaterials@mdpi.com X@nano_mdpi