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# Structure, Morphology and Crystallization of Polymer Composites

Guest Editor:

#### Dr. Maria Raimo

Istituto per i Polimeri, Compositi e Biomateriali, Consiglio Nazionale delle Ricerche, Pozzuoli, NA, Italy

Deadline for manuscript submissions: closed (31 May 2021)

### Message from the Guest Editor

Special Issue "Structure, Morphology, The and Crystallization of Polymer Composites" will address a complete comprehension of all aspects of the crystallization process in heterogeneous thermoplastic materials. Composite materials are of great interest in different applications due to their resistance combined to lightness, and the emerging renewed importance of the crystallization process in the advanced sectors of aerospace. Original papers are invited on any type of structure or morphology, from micro- to nano-scale, arising under diverse processing conditions, also discussing structure-processing correlations. The effect of the reinforcement on the nucleation density, crystallization, and degradation kinetics of polymer matrixes, are of particular importance for advanced composites. Novel strategies to control the structure and the morphology or accelerating crystals growth, surface modifications of fillers, crystallization models accounting for temperature gradients or heat pathways, and any influence on the crystallization behavior of innovative composite materials are very welcome.









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### **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

### Message from the Editor-in-Chief

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*Materials* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials\_Mdpi