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Recent Developments on Calorimetry and Thermal Analysis of Polymers and Nanocomposites

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Message from the Guest Editors

This Special Issue focuses on recent developments in research on the use of thermal analysis and calorimetry techniques to characterize polymeric and composite materials for many kinds of possible applications and model systems to provide insights into fundamental science. In the last decades, a huge number of studies on thermal behavior of different classes of organic, inorganic, and hybrid materials have been conducted with a view to assessing their thermal stability and phase transformation behavior, or to determine the best temperature(s) of their thermal treatment to induce in them specific properties.

In particular, we encourage the submission of papers that discuss the latest research in the area of fundamental aspects as well as topics of technological interest where thermal analysis can deliver information of utmost importance. The scope of this Special Issue encompasses the synthesis and structural, morphological, and thermal characterization of polymers, nanocomposites, and hybridand polymer-based materials used for different promising applications.













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