



Composite Materials Containing Conjugated and Conductive Polymers

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Message from the Guest Editors

In the last three decades, there has been a steady increase in interest in studying the processes of obtaining, processing, and applying polyconjugated systems, as well as in the search for approaches to obtaining new functional composite materials with the participation of conductive polymers. Conductive polymers and composite materials on the basis thereof are used for the manufacture of sensors, actuators, electrically conductive paints, luminescent systems, antistatic and anticorrosion coatings, membranes, and various functional biomaterials. Special attention should be paid to the fields associated with the preparation of nanoparticles of conductive polymers and their use for the formation of nanocomposites known for a complex of special properties. Another important area of application for the conductive polymers is in the area of coatings for various surfaces, both aimed at improving adhesion characteristics and imparting other special properties. This special issue is intended to become a platform for the rapid publication of high-quality original and review articles on any composite materials on the basis of conductive polymers.

