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Conducting Polymers in Composites: Synthesis, Characterization and Applications

Guest Editor:

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Conducting Polymers in
Composites and Applications
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Message from the Guest Editor

Dear Colleagues,

This Special Issue, “Conducting polymers in Composites: Synthesis, Characterization, and Applications” will address advances in smart materials science, including manufacturing, characterization, technology developments in applications such as medical devices, soft robotics, smart textiles, biotechnology, bioelectronics, microfabrication, sensors, and energy storage. There is currently an urgent demand for next-generation technologies, i.e., for high functionalized small devices with low energy use. Of special interest to this issue are works addressing the basic nature of materials in ground research mechanisms and advanced process technologies.

Original papers and reviews are solicited on all types of conducting polymers in composites in blends and grafting or interpenetration networks that contain smart applications and address actuators, sensors, and supercapacitors. New ideas of combinations in materials science and other areas of biotechnology, the medical field, and soft robotics are very welcome.

Dr. Rudolf Kiefer

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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