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Epoxy Composites: Processes and Applications

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Deadline for manuscript submissions:
closed (31 July 2020)

Message from the Guest Editors

Dear Colleagues,

Epoxy resin is a typical thermosetting resin and has excellent heat resistance, chemical resistance, mechanical properties, and is widely used as a matrix of composite materials. In recent years, various technologies have been developed to realize self-healing characteristics in the cured epoxy resin of network structures by dynamic chemical bonds, so that the durability is improved, and the composites can be easily recycled. In addition, biomass-based epoxy resin manufacturing technologies are being developed. In this Special Issue, ***Epoxy Composites: Process and Applications***, we are going to gather recent progresses in the process and applications of the composite materials using various epoxy resins. Especially, the following topics on epoxy composites are welcomed:

- *Nanocomposites of epoxy resin and graphenes or carbon nanotubes*
- *Self-healing of epoxy composites*
- *Recycling of epoxy composites*
- *Epoxy composites of renewable resources*
- *High performance epoxy composites*
- *Curing kinetics of epoxy composites*
- *Chemorheology of epoxy composites*
- *Hybrids of epoxy composites*

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Guest Editors

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Special Issue

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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