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# Advances in Polyethylene Based Composites

Guest Editor:

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Deadline for manuscript submissions:
**closed (31 January 2021)**

## Message from the Guest Editor

Dear Colleagues,

PE is the most widely used polymer material with many unique properties. These properties are so various that they allow the creation of tribological materials, biocompatible implants, high performance fibers, and even artificial muscles from PE. Even though PE is one of the most studied polymer materials, the number of scientific articles about PE continues to grow every year due to the fact that PE has a simple chemical structure, but has many variations in the supramolecular structure that determine the wide range of final properties of PE-based materials.

This Special Issue is devoted to the latest advances in PE-based composites and covers the following topics:

- PE with shape memory effect
- implants based on PE
- self-reinforced PE composites
- high performance fibers and films
- anti-friction materials based on PE
- crystallization and supramolecular structure of PE

It is my pleasure to invite you to submit full papers, communications, and reviews for the Special Issue "Advances in Polyethylene Based Composites."

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## Editor-in-Chief

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## Message from the Editor-in-Chief

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