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Mechanical Behaviors and Properties of Polymer Materials

Guest Editor:

Dr. Yunfa Zhang

Aerospace Research Centre, National Research Council Canada, Ottawa, ON, Canada

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Message from the Guest Editor

Dear Colleagues,

The response of polymers to external or internal forces can vary considerably depending on the magnitude of these forces and the material characteristics. While the stressstrain behaviors of some polymers might look similar to those of metals, polymers are mechanically different to metals. Fully understanding the unique mechanical behaviors and properties of polymers is vital not only to their industrial and engineering applications, but also to the development of novel materials such as polymeric composites. nanocomposites, and additivelv manufactured products. polymer In particular, mechanical improved/appropriate behaviors and properties are crucial to the successful development of novel materials in which polymer is the major constituent, and this makes the study of the mechanical behaviors and properties of polymers an increasingly active area.

Dr. Yunfa Zhang Guest Editor









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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/polymers polymers@mdpi.com X@Polymers_MDPI