



## Fatigue and Aging Degradation of Polymeric Materials

Guest Editor:

**Dr. Małgorzata Szymiczek**

Department of Theoretical and Applied Mechanics, Silesian University of Technology, 44-100 Gliwice, Poland

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### Message from the Guest Editor

The development of polymer engineering, the search for new, innovative materials with often programmable properties has resulted in the expansion of the area of their application, especially in the transport, construction, military, packaging and medical industries. The application of new polymeric materials often requires a synergistic solution, combining a number of mechanical, electrical, thermal, requiring specific model approach. In this approach, the knowledge of exploitation characteristics resulting from the aging and fatigue degradation of polymeric materials is also important. Qualitative and quantitative defined degradation processes is important for both construction design and safe exploitation. The aim of this Special Issue is to exchange information about changes in the characteristics of polymeric materials and their composites during exploitation. Particular emphasis will be placed on assessing the impact of degradation factors on the exploitation properties of the tested materials and defining the mechanisms of their destruction using non-destructive testing methods.





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### Prof. Dr. Alexander Böker

Fraunhofer-Institut für  
Angewandte Polymerforschung,  
Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
Universität Potsdam,  
Geiselbergstraße 69, 14476  
Potsdam-Golm, Germany

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*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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mdpi.com/journal/polymers  
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