



Characterization of Dynamic Properties of Fiber-Reinforced Polymer Composites

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closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Polymers* invites contributions addressing several aspects of the characterization of the dynamic properties of fiber-reinforced polymer composites. This includes topics such as the behavior at low- or high-velocity impacts; fatigue in different environments; determining the structural integrity of polymer composites degraded by moisture, temperature or a combination of both; damage tolerance assessment; the numerical modeling of dynamic phenomena and the development of damage in the material; the effect of different angles of fiber orientation and nature of the polymeric matrix; applications and limitations of currently available nondestructive evaluation (NDE) techniques; the role of hybridization in energy dissipation; the use of an intermediate viscoelastic layer for controlling damage, etc. Experimental results on the characterization of dynamic properties are considered as the main goal, but simulation works and review articles are also welcomed for inclusion in this 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 5.0.

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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