

Special Issue

Mechanical Response of Fibre-Reinforced Polymers

Message from the Guest Editors

This Special Issue on the mechanical response of fibre-reinforced polymer-based materials will contain original research and review papers on key topics, including:

- Industrial applications: aerospace, ground-based transportation, marine, renewable energies, civil engineering, sports and leisure, medical, agricultural applications.
- Materials: fibre-reinforced polymers, prepregs.
- Structural behaviour: uniaxial testing, bending, impact, multiaxial testing, non-standard experimental methods, anisotropy, fracture and damage, multiscale modelling, short and long fibre composites, buckling and stability, pseudo-ductile composites, application of numerical techniques. This Special Issue focuses on experimental, numerical and analytical studies about fibre-reinforced polymer-based materials with structural applications, with a special emphasis on the physics that underlies the mechanical behaviour. Both original contributions and reviews are welcome.

Guest Editors

Prof. Dr. María del Carmen Serna Moreno

Dr. Sergio Horta Muñoz

Dr. Pablo Antonio Morales-Rodríguez

Dr. David Ruiz Gracia

Deadline for manuscript submissions

closed (25 April 2022)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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