



Recent Advances in Reinforced Polymeric Composites

Guest Editors:

Prof. Dr. Paul Bere

Department of Manufacturing
Engineering, Faculty of Machine
Building, Technical University of
Cluj-Napoca, Memorandumului
28, 400114 Cluj-Napoca, Romania

Dr. Razvan Udrioiu

Department of Manufacturing
Engineering, Transilvania
University of Brasov, 29 Eroilor
Boulevard, 500036 Brasov,
Romania

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Message from the Guest Editors

High-performance composites, particularly fiber-reinforced polymer (FRP), have been subject to a spectacular rate of development in recent decades. Initially implemented within high-performance fields, they are now becoming more frequent in engineering applications and our daily lives, where continuous development of composites and an increase in available technology have allowed composites to be used both as structures and for other purposes pertaining to the use of a composite's special properties. Certain topics of interest in this field range from traditional FRP, where reinforcement materials play a critical role, to high-performance composites reinforced with special materials. The recently developed polymer-matrix-based thermoplastic or thermoset materials also have an important role in giving the composites better stability and protection. Additionally, FRP plays an important role in extant/novel engineering applications and the new trends of "green composites", with regard to sustainable development and additive manufacturing.





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Editor-in-Chief

Prof. Dr. Alexander Böker

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

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MDPI, St. Alban-Anlage 66
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