

## Special Issue

# Fibre Reinforced Polymer (FRP) Composites in Structural Applications

### Message from the Guest Editor

This Special Issue aims to present current research on Fibre Reinforced Polymer (FRP) Composites in Structural Applications with emphasis on improving performance and durability of civil structures. Issues that will be addressed include 'prevention of environmental degradation of epoxy resins modified with the addition of different fillers' as coating systems applied to timber structures (reinforced with microcrystalline cellulose/multi-walled carbon nanotube/calcium sulphate, as chemical stabilisers), durability, treatment and coating timber species and also anchor devices for improving the bond between CFRP/ Sprayed FRP for the repair and rehabilitation of concrete, metallic and timber structures. An in-depth understanding of the performance and fragility function of FRP-retrofitted multi-storey buildings, seismic response and plastic hinging mechanism of FRP-retrofitted RC frames, engineered timber and sandwich beams, anchorage devices for concrete/timber structures (bound-slip response of polymers and concrete/timber substances) are highly focused in this Special Issue.

### Guest Editor

Dr. Saeed Mahini

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### Deadline for manuscript submissions

closed (25 January 2023)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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