



materials



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Masonry and Concrete Members Strengthened with Fibre-Reinforced Composite Materials: Research Advances

Guest Editor:

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Message from the Guest Editor

Recently, the fabric reinforced cementitious matrix (FRCM) has been applied as a “green” alternative solution to FRP materials; it is particularly useful to overcome some drawbacks related to the use of epoxy matrices, such as: the poor composite-substrate compatibility, the low permeability of the strengthened surface, and the difficulties in removing the FRP sheets without damaging the substrate.

In terms of advancing knowledge on repairing and strengthening of masonry and RC structures with FRP and FRCM materials, this Special Issue aims at providing the scientific community with a collection of high-quality and peer-reviewed papers addressing different aspects of the structural behavior, spanning from the material mechanical characterization to the analysis of material efficiency in several applications, such as (but not limited to): flexural and/or shear strengthening, confinement and RC beam-column joints’ strengthening. Both experimental and theoretical investigations are welcome.



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Message from the Editor-in-Chief

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