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Composite Structures towards a More Sustainable Construction Sector

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Deadline for manuscript submissions:
closed (20 July 2023)

Message from the Guest Editors

The use of composite structures is increasing in the construction sector due to their enhanced load-bearing capacity, enhanced structural fire performance, and greater potential to provide optimized structural solutions, effectively creating synergies between the structural materials. Additionally, their competitiveness may be improved in the near future introducing innovative concepts such as Design for Disassembly and Reuse, adopting new strategies towards a more sustainable industry promoting circular economy by the reuse of building components in multiple life cycles.

The aim of this Special Issue is to promote and disseminate innovative composite structural solutions combining different structural materials, such as steel and concrete, steel, and CLT (cross-laminated timber), among others, applicable to buildings, bridges, and infrastructures. We encourage you to send manuscripts containing scientific findings in the field of innovative composite/hybrid structures, based on theoretical and practice-oriented papers, including experimental and/or numerical studies, case studies, and review papers.

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Message from the Editor-in-Chief

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