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High Performance of Fiber Reinforced Cementitious Composites

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editor

The performance of cement-based concrete, the most used man-made material, is being improved all the time. By improving the performance, both the sustainability and the resilience of concrete structures increase as well. Fiber-reinforced concrete, which contains discontinuous and randomly dispersed fibers, is largely used to enhance the performance of plain concrete. In addition, with the presence of fibers, some intrinsic deficiencies of conventional concrete (e.g., shrinkage cracking, spalling in presence of high temperature, etc.) are mitigated or eliminated. It is our pleasure to invite you to submit your research article, communication, or review concerning the following aspects: Tailoring the fiber-reinforced concrete to fulfill required performances; Measuring the high-performances of fresh and hardened fiber-reinforced concrete; Designing structural elements made with high-performance fiber-reinforced concrete; Assessing the durability and environmental impact of cement-based materials and structures, when high-performance fiber-reinforced concrete is used.





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Message from the Editor-in-Chief

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