



Experiments and Modelling of Fiber-Reinforced Concrete for 3D Printing

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 May 2023)

Message from the Guest Editor

This Special Issue covers a wide scope, comprising advances in processes, material properties, testing methods, and numerical models in the field of fiber-reinforced concrete 3D printing. Topics of particular interest include, but are not limited to:

Advancements in 3D printing process of fiber-reinforced concrete:

- Multi-material, multi-technology processing systems.
- Novel reinforcing methods for 3D printable concrete.
- Numerical methods for processes optimization.

Novel 3D printable fiber-reinforced concrete:

- New material formulations.
- Characterization of fresh and mechanical properties.
- Modelling of fresh and mechanical properties.

Dr. Yading Xu
Guest Editor





fibers



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Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

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