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# Mechanics of Fiber Reinforced Cementitious Composites

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Deadline for manuscript submissions:
**closed (31 October 2022)**

## Message from the Guest Editor

Dear Colleagues,

Fiber-reinforced composites have been known for millennia, and the mechanical properties of fiber-reinforced cementitious composites are still a subject of research which has seen increasing intensity in recent years. On one hand, fiber-reinforced cementitious composites offer known advantages over more conventional materials, e.g., reduction of shrinkage cracking, increased load-bearing capacity, strain-hardening, and durability under extreme temperatures in fire safety and refractory applications. On the other hand, the dependency of mechanical properties on the spatial and orientational distribution of the fibers poses challenges, both for theoretical calculation as well as for practical manufacturing.

The Special Issue invites contributions presenting recent developments and state-of-the-art comparison in the area of mechanics of fiber-reinforced cementitious composites, including thermomechanics.

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## Editor-in-Chief

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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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