

Special Issue

High Performance Fiber-Reinforced Cementitious Composites

Message from the Guest Editors

High-performance fiber-reinforced cementitious composites (HPFRCC) are a new category of fiber-reinforced concrete and have attracted a great deal of attention in both research and applications in recent years. HPFRCC is featured with multiple cracking, strain hardening, and higher strain capacity at peak stress. Due to its excellent mechanical and microstructural properties, HPFRCC has great potential for use both in new construction of concrete structures for improved durability and sustainability and in upgrading existing concrete structures for the purpose of service life extension. A lot of studies have demonstrated the significant advantages offered by the HPFRCC in various types of engineering applications, such as building, bridges, pavement, tunnels, dams, ports, and other civil infrastructures. However, there are still a number of technical and implementation issues that need to be addressed before making HPFRCC a mainstream construction material. This Special Issue aims to disseminate the most recent advances and development in this rapidly growing research field.

Guest Editors

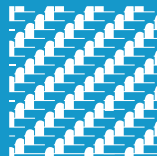
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Deadline for manuscript submissions

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