Special Issue

The Cracking and Serviceability Behavior of Ultra-High-Performance Fiber-Reinforced Concrete

Message from the Guest Editor

This Special Issue of the journal *Materials* focuses on the cracking and serviceability behavior of ultra-high-performance fiber-reinforced concrete (UHPFRC). UHPFRC is an innovative and high-performance material that offers superior mechanical properties, durability, and resistance to various forms of deterioration. This Special Issue aims to explore ongoing research on UHPFRC serviceability and cracking behavior. The articles presented in this Special Issue demonstrate advancements in the understanding of crack formation and propagation in UHPFRC and provide insights into the serviceability and long-term performance of UHPFRC structures. The topics discussed include fundamental investigations of UHPFRC materials, modeling of UHPFRC structures, evaluation of crack behavior, and analysis of structural behavior under different loading conditions. The findings presented in this Special Issue provide valuable information for engineers and researchers to optimize the use of UHPFRC in practical applications.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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