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Experiment and Computer Simulations with Concrete and Granular Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The aggregates used in construction are the most consumed natural resources in the world after air and water. Concrete is, together with steel, the structural material par excellence. It has multiples phases including aggregates, mortar, interfaces, and pores. The mechanical properties of concrete are the result of different behaviors occurring on the micro-, meso-, and macroscale. For this reason, multiscale experiments and simulations of concrete and composite materials are hot areas of research. This Special Issue aims to bring together new knowledge regarding experimental data obtained in the laboratory related to composite and granular materials, including reused or recycled aggregates, with results obtained using multiscale simulation methods.

Prof. Dr. Fernando Lopez Gayarre Guest Editor













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Message from the Editor-in-Chief

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