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Advanced Materials and Nanotechnologies in Building Composites

Guest Editor:

Prof. Dr. Jiří Němeček

Department of Mechanics,
Faculty of Civil Engineering,
Czech Technical University in
Prague, 166 29 Prague, Czech
Republic

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submissions:

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Message from the Guest Editor

Dear Colleagues,

The development of nanotechnologies in recent years has influenced the sphere of building materials on a large scale. Characterization of small volumes of material using techniques, such as SEM, FIB, AFM, micro-CT, NMR, nanoindentation, and others, has enabled the acquisition of unique data on the microstructure of composite building materials and opened the way to modify these materials, improve their properties, and quantify new properties.

The Special Issue will gather contributions that describe new approaches and the latest achievements and advances in the application of nanotechnologies, advances in the characterization of material nanolevel, or nanomodifications of building materials. Bulk, surface, fresh mixture, or hardened state applications are of interest. The Special Issue welcomes research articles and reviews on relevant topics. It is my pleasure to invite you to contribute to this Special Issue.



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Special issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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