Special Issue

Novel Material and Technological Solutions in Foundry Engineering

Message from the Guest Editor

Foundry engineering is still a strongly developing field of material science and an important branch of production of metallic materials. Publications concerning foundry engineering are very popular and usable for many academic scientists and engineering work in many industries. Therefore, given the great potential for development in this field of science and industry, I invite you to submit your valuable articles to this Special Issue entitled “Novel Material and Technological Solutions in Foundry Engineering”, published in the journal Materials. The scope of this Special Issue is focused on cast materials characterized by high usable properties. The issue covers both ferrous alloys, such as cast steel or cast iron, and nonferrous metals alloys, such as Al, Cu, Mg, and others. Moreover, as the title suggests, this Special Issue welcomes articles concerning technologies of layered and composite castings, pressure casting, semi-solid casting, continuous casting, and new technology of heat treatment of castings.

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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