Special Issue

Non-conventional Machining: Materials and Processes

Message from the Guest Editors

This Special Issue will present novel scientific papers related to non-conventional machining, both in terms of the materials used and the process itself, as well as coordinate metrology. Research areas may include (but are not limited to) the following:

- Conventional and non-conventional machining;
- Recent developments in machining;
- Physical phenomena in machining process;
- Cutting tool performance;
- Manufacturing of thin-walled elements;
- Trends in coordinate metrology;
- Machining of engineering materials;
- Machining of difficult-to-cut materials;
- Machining efficiency and quality after cutting;
- Optimization of the machining process;
- Experimental and simulation research in the field of machining;
- High-speed machining: high-speed cutting, and high-performance cutting;
- Recent developments in additive manufacturing;
- Assessment of machinability indicators;
- Application of CAD/CAM in machining;
- Development in Industry 4.0.

Guest Editors

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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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