



an Open Access Journal by MDPI

"3D" Parametric and Nonparametric Description of Surface Topography in Manufacturing Processes

Guest Editors:

Prof. Dr. Grzegorz Królczyk

Department of Manufacturing Engineering and Production Automation, Faculty of Mechanical Engineering, Opole University of Technology, 5 Mikolajczyka Street, 45-271 Opole, Poland

Prof. Dr. Wojciech Kacalak

Faculty of Mechanical Engineering, Koszalin University of Technology, 15 Racławicka St., 75-900 Koszalin, Poland

Prof. Dr. Michal Wieczorowski

Faculty of Mechanical Engineering and Management, Poznan University of Technology, Poznan, Poland

Deadline for manuscript submissions: closed (31 October 2020)

Message from the Guest Editors

Surface topography has a profound influence on the function of a surface. In industrial practice, geometric product specification is an important issue. The measurement and characterization of the geometric features of machined parts are important when trying to determine the functional properties of surfaces, and also in the control of process parameters during manufacturing. However, there are many other areas of science or engineering where surface topography is critical to function.

The aim of this Special Issue is to provide an international forum for the dissemination of scientific information on surface metrology submission from all fields involving the measurement and characterization of surface topography, including biomedical engineering, civil engineering, material science, mechanical engineering, manufacturing, metrology, nanotechnology, tribology, and others.



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
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 iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi