Special Issue

Material Surface Topography Measurement, Analysis and Characterization

Message from the Guest Editors

Topography is of great importance for the functional behavior of the surface, strongly interacting with material properties and operating conditions. The characterization of surface topography includes measurement, visualization and quantification, which currently involves mainly digital techniques and the extensive use of computers: data acquisition, conditioning, visualization, elaboration and quantification. The goal of this Special Issue is to present new methods and directions in the characterization of the microtopographic surface in relation to its material structure. Papers on the novelty of various surface topography measurement, analysis and characterization techniques are expected, but papers on new perspectives on the characterization of engineering surfaces in production and tribological operation may also be accepted.

Guest Editors

Dr. Anna Zawada-Tomkiewicz

Dr. Krzysztof Ciecieląg

Dr. Árpád Czifra

Prof. Dr. Kazimierz Zaleski

Deadline for manuscript submissions

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

mdpi.com/journal/materials

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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.

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

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