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Surface Inspection and Description in Metrology and Tribology

Guest Editors:

Prof. Dr. Michal Wieczorowski

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Message from the Guest Editors

The primary goal of this Special Issue is to present recent trends in surface inspection and description, from both metrological and tribological points of view. Various research problems dedicated to surfaces in different scales will be discussed.

We welcome the submission of research papers as well as review articles. The research topics that we would like contributors to address include but are not limited to the following:

- Surfaces in different scales: micro, meso, and macro;
- Free-form surfaces and digitization;
- Description of surfaces;
- Modeling of surface topography and profile;
- Multiscale analysis of surfaces;
- Artificial intelligence issues for surfaces;
- Techniques and methods of surface inspection;
- Uncertainty in evaluation of surface features and parameters;
- Tribological behavior of surfaces;
- Applications of functional surfaces from engineering and non-engineering areas;
- Surfaces and Industry 4.0.

Deadline for manuscript
submissions:

closed (20 June 2022)



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Special Issue



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Editor-in-Chief

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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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