

## Special Issue

# Advances in Laser Surface Treated Steels and Light Metal Alloys

### Message from the Guest Editor

Dear colleagues, This Special Issue will include original scientific papers that describe new engineering materials and the technological processes of the manufacturing, processing, and forming of their structure and properties in the whole volume and on their surface, and also the description of phenomena and phase transformations appearing in these materials. It will encourage the submission of new fundamental and interdisciplinary contributions on materials science and engineering, and surface engineering, which generally advances material technologies.

This Special Issue will focus on some of the important effects of these special laser surface treatment processes, heat treatment, and other material technologies processes on the evolution of the structure–property correlations of some selected metallic alloys, especially those that are technologically advanced. Dr. Mirosław S. Bonek

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### Guest Editor

Prof. Dr. Mirosław Bonek

Faculty of Mechanical Engineering, Silesian University of Technology,  
Gliwice, Poland

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### Deadline for manuscript submissions

closed (20 December 2020)



## Materials

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## About the Journal

### 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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### Editor-in-Chief

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