

Special Issue

Damage and Vibration Problems in Technology

Message from the Guest Editors

This Special Issue of *Materials* entitled "Damage and Vibration Problems in Technology" will be used to collect the latest results and trends in research on damage in engineering materials and structures, as well as problems associated with vibration, from the point of view of analytical, numerical and experimental approaches. Scientists and practitioners in the field of mechanics of materials and structures are invited to publish articles on the reliability and strength of various engineering materials and machinery, and damage to biological objects that can be detected and observed via fractographic and image analysis methods. Articles should cover vibration-induced problems caused by equipment being used in various technological processes: conveying, separation, segregation, drying, etc. In particular, we are interested in those on analyses of stability loss, damage initiation and evolution, and structure collapses or any unusual behaviours, with practical indications and solutions increasing reliability.

Guest Editors

Dr. Sylwester Samborski

Associate Professor, Faculty of Mechanical Engineering, Lublin University of Technology, 36 Nadbystrzycka St., 20-618 Lublin, Poland

Dr. Serhii Kharchenko

Faculty of Mechanical Engineering, Lublin University of Technology, 36 Nadbystrzycka St., 20-618 Lublin, Poland

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closed (20 April 2024)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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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