# Special Issue

# Smart Materials, Intelligent Structures and Innovative Applications of 3D Printing and Bio-Printing Methods

### Message from the Guest Editors

The main topics to be included in this Special Issue are scientific contributions related to the following research topics:

- New types of materials suitable for 3D printing technologies;
- Design of new structures and topological optimization;
- Modeling and simulation of processes or new developed products;
- Additive manufacturing, 3D printing, and bioprinting methods;
- Rapid Tooling methods;
- Hybrid Manufacturing technologies;
- Mechanical testing of parts made using 3D printing technologies;
- Material characterization methods for new developed materials.

It is our pleasure to invite researchers, scientists, surgeons, and professionals from the industry or academic institutions and research centers from around the world to submit their contributions to this Special Issue. Dr. Razvan Ioan Pacurar

### Guest Editors

Dr. Răzvan Păcurar

Department of Manufacturing Engineering, Faculty of Industrial Engineering, Robotics and Production Management, Technical University of Cluj-Napoca, 400114 Cluj-Napoca, Romania

Dr. Filip Górski

Faculty of Mechanical Engineering, Institute of Materials Technology, Poznan University of Technology, Poznan, Poland

### Deadline for manuscript submissions

closed (31 July 2024)

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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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## 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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