

Special Issue

Advanced Materials for Transport Applications 2020

Message from the Guest Editors

The present Special Issue is linked to the symposium E1, also entitled “Advanced Materials for Transport Applications”, which will take place within the framework of the Euromat 2019 conference held in Stockholm, Sweden, from September 1st to 5th, 2019 and covers the whole field of materials science and technology. Within this framework, our own symposium addresses questions related to the use of advanced materials in the transport industry, which includes the aerospace, automotive, railway and maritime sector. The symposium is the 6th of its kind at Euromat and thus continues a series which originated at Euromat 2009. Though linked to the Euromat 2019 symposium, the Special Issue is open for external contributions addressing aspects of advanced materials for transport applications.

Highlighted topics include:

- Hybrid Engineering Materials, Structures & Processes and Multi-Material Design
- Additive Manufacturing for Transport Applications
- Metal Casting Technology
- Materials for E-Mobility
- Intelligent Materials, Structures and Systems
- Simulation, Modeling, Optimization and Big Data Applications

Not covered is civil engineering for transport infrastructure.

Guest Editors

Dr. Dirk Lehmhus

Dr. Axel von Hehl

Dr.-Ing. habil. Jörg Hohe

Dr. René Alderliesten

Dr.-Ing. Kambiz Kayvantash

Prof. Dr. Leif Asp

et al.



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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

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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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