



materials



an Open Access Journal by MDPI

Selected Papers from ISCTA 2018

Guest Editors:

Prof. Dr. Alexander T. Burkov

Ioffe Institute, Saint Petersburg,
Russia

Prof. Dr. Vladimir V. Khovaylo

National University of Science &
Technology "MISIS", Moscow,
Russian Federation

Deadline for manuscript
submissions:

closed (15 September 2019)

Message from the Guest Editors

Dear Colleagues,

Welcome to the XVI Interstate Conference “Thermoelectrics and Their Applications, 2018” (*ISCTA 2018*). This conference is the 16th in the series of inter-state conferences on “Thermoelectrics and their Applications” that provides an international forum for presentations and information exchange on thermoelectric materials science and thermoelectric energy conversion technology. This biannual conference series began in 1985 in Saint-Petersburg (Leningrad), Russia, as a forum of thermoelectric community of the Soviet Union. After the collapse of the Soviet Union, the conference provides the meeting place for scientists from the Independent States of the former Soviet Union. Now, we cordially invite international thermoelectric community to join this meeting in one of the most beautiful cities of Russia.

Prof. Dr. Alexander T. Burkov

Prof. Dr. Vladimir V. Khovaylo

Guest Editors



mdpi.com/si/18365

Special Issue



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)