

Special Issue

Selected Papers from ISCTA 2018

Message from the Guest Editors

Welcome to the XVI Interstate Conference “Thermoelectrics and Their Applications, 2018” (ISCTA 2018). This conference is the 16th in the series of interstate 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.

Guest Editors

Prof. Dr. Alexander T. Burkov
Ioffe Institute, Saint Petersburg, Russia

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National University of Science & Technology “MISIS”, Moscow, Russian Federation

Deadline for manuscript submissions

closed (15 September 2019)



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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

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