

Interstate coordination council on physics of strength and plasticity
Chelyabinsk State University
Saint Petersburg State University
National University of Science and Technology MISIS

Third International Scientific Conference

Shape Memory Alloys

August 16-20, 2018

Chelyabinsk, Russia

First information letter

Important dates:

Participant application deadline: **March 15, 2018**

Abstract submission deadline: **May 1, 2018**

Notification of Abstracts confirmation and
The second information letter: **June 1 - 20, 2018**

Articles submission deadline: **August 15, 2018**

Conference dates: **August 16 - 20, 2018**

The third international conference "Shape Memory Alloys" continues the tradition of regular seminars and conferences devoted to shape memory alloys had been held in different cities of the Soviet Union: Kiev (1980, 1991), Voronezh (1982), Tomsk (1985), Novgorod (1989), Kosov (1991), St. Petersburg (1995). The first conference "Shape Memory Alloys: properties, technologies, and prospects" was held in 2014 in Vitebsk (Belarus). The second conference was held in 2016 in St. Petersburg.

The aim of the conference is to review modern research and development in the field of shape memory alloys and related phenomena: from studying their structure, physical, mechanical, and functional properties to mathematical modeling of the shape memory materials behavior and their application.

The conference work will be organized in the form of oral and poster presentations in the framework of three parallel sections:

- Structure, martensitic transformations and shape memory effects in alloys.
- The theory of martensitic transformations and shape memory effect, modeling, and calculation of shape memory alloys functional properties.
- Novel materials. The production technology and application of shape memory alloys.

Working languages of the conference – Russian and English

The book of abstracts will be published by the beginning of the conference.

Materials of the conference will be published on the request of the authors in English in **Materials Research Proceedings** (<http://www.mrforum.com>) or in Russian in the **Chelyabinsk Physics and Mathematics Journal** (<http://cpmj.csu.ru>).

The registration fee for regular participants will be 12000 RUR and will include accommodation, meals in the boarding house, and conference materials publishing.

For postgraduates, students and accompanying persons the amount of registration fee will be less than regular. The exactly defined registration fee will be reported in the Second information letter.

The conference will be held in a boarding house located in a picturesque parkland zone of Chelyabinsk (Russia).

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For all related to the conference questions,
please contact the local organizing committee
at: csma2018@mail.ru.