



FASO Russia
FEDERAL AGENCY
FOR SCIENTIFIC ORGANIZATIONS



**XV RUSSIAN CONFERENCE (WITH INTERNATIONAL PARTICIPATION)
ON THERMOPHYSICAL PROPERTIES OF SUBSTANCES (RCTP-15)
AND SCHOOL FOR YOUNG SCIENTISTS
October 15 – 19, 2018, Moscow, Russia**

First announcement

ORGANIZERS

- Federal Agency for Scientific Organizations (FASO Russia)
- Ministry of Education and Science of Russia
- Russian Academy of Sciences, Department of Energy, Engineering, Mechanics and Control Processes
- National Committee for Thermophysical Properties of Substances
- Russian Foundation for Basic Research
- Joint Institute for High Temperatures of the Russian Academy of Sciences
- National Research University "Moscow Power Engineering Institute"
- Moscow Institute of Physics and Technology (State University)
- National University of Science and Technology "MISIS"

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Korenovskaya V.A. (JIHT RAS, Moscow)	Son K.E. (JIHT RAS, Moscow)
Krikunova A.I. (JIHT RAS, Moscow)	Ustyuzhanin E.E. (MPEI, Moscow)

TOPICS

The conference will include plenary, invited, sectional and poster presentations on the following topics:

- Equations of state, phase transitions and critical phenomena
- Transport, optical and radiation properties of substances
- Thermodynamic properties of substances in the condensed state
- Thermophysical properties of substances at high temperatures
- Extreme states of matter
- Databases on thermophysical properties of substances
- Nanomaterials, nanofluids, interphase phenomena
- Thermophysical measurement techniques
- Computer simulations in thermophysics
- Thermophysical properties of materials for nuclear power engineering
- Thermophysical properties of materials for aviation, rocket and space technologies
- Thermophysical properties of oils, gas condensates, gas hydrates and natural gas
- Data driven approaches in materials design: theory meets experiment*

Conference languages: Russian and English.

* The section will take place at MISIS (see below). Reports are in English only.

PUBLICATIONS

The abstracts of the reports will be distributed in the both paper and electronic form and also published on the conference website.

The conference proceedings will be published as a special issue of a journal indexed in the Scopus and Russian Science Citation Index. A list of journals and the requirements for articles will be announced later.

REGISTRATION FEE

	Early Registration (until July 10, 2018)	Late registration (after July 10, 2018)
Regular participants from Russia and CIS countries	5000 RUB	7000 RUB
Students from Russia and CIS countries	1500 RUB	2100 RUB
Foreign participants	250 EUR	350 EUR

The Organizing Committee has a limited possibility of financial support for undergraduate and graduate students. Applications for this support should be submitted at registration.

KEY DATES

May 15, 2018	deadline for abstract submission;
June 15, 2018	notification of acceptance of the reports;
July 10, 2018	early payment of the registration fee;
October 15-17, 2018	working days of the conference;
October 18-19, 2018	working days of the scientific school for young scientists.

LOCATION OF THE CONFERENCE

Joint Institute for High Temperatures of the Russian Academy of Sciences (JIHT RAS)

Izhorskaya 13, build. 2, Moscow, Russia

Web site: <http://www.jiht.ru>

(main part of the Conference)

National University of Science and Technology "MISIS"

Leninsky prospect 4, Moscow, Russia

Web site: <http://misis.ru>

(section "Data driven approaches in materials design: theory meets experiment")

LOCATION OF THE SCIENTIFIC SCHOOL

Moscow Institute of Physics and Technology (State University)

Krasnokazarmennaya st. 17, build. T, Moscow, Russia

Web site: <http://www.mpei.ru>

Moscow Institute of Physics and Technology (State University)

Institutsky per. 9, Dolgoprudny, Moscow Region, Russia

Web site: <http://www.mipt.ru>

CONTACTS

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