



Dear Colleagues!

We invite you to take part in the work of the 13th symposium with international participation.

THERMODYNAMICS AND MATERIAL SCIENCES,

which will be held at the Novosibirsk Scientific Center from 15 to 19 June, 2020.

As part of the symposium, Russian-Chinese workshop "Advance Materials and Structures" will be held from 18 to 19 June 2020.

The symposium will be devoted to discussing the results and prospects of basic research in the following areas - chemical thermodynamics of inorganic systems and physical chemistry of functional materials, which have actively been developed in scientific institutes and universities of Russia and other countries.

At the symposium much attention will be given to modern problems of experimental and theoretical study of the thermodynamic properties of perspective compounds, the development of methods for the thermodynamic modeling of complex multicomponent and multiphase systems, the synthesis and research of the properties of new functional materials.

Since 2000, alternately in Novosibirsk (NIIC SB RAS) and Yekaterinburg (ISST UB RAS), THERMODYNAMICS AND MATERIAL SCIENCES seminars have been held. Then in 2015, when Ioffe Physico-Technical Institute (St. Petersburg) became the organizer of the seminar, they developed into a symposium with international participation.

Previous events have shown the need to form close scientific and technical cooperation in the field of thermodynamics and materials science based on the integration of Russian and foreign research organizations.



Symposium organizers

- Section on Chemical Thermodynamics and Thermochemistry of the Scientific Council of the RAS on Physical Chemistry
- Russian Chemical Society D. I. Mendeleev
- Nikolaev Institute of Inorganic Chemistry SB RAS
 - Institute of Solid State Chemistry and Mechanochemistry SB RAS
- Kutateladze Institute of Thermal Physics SB RAS
- Institute of Solid State Chemistry UB RAS
- Ioffe Physico-Technical Institute RAS

SCIENTIFIC PROGRAM

The basis of the scientific program will be invited reports, oral and poster presentations in the following areas:

- **I.** Synthesis and characterization of perspective substances and materials.
- **II.** Phase equilibria: experiment, modeling and development of informational and analytical systems.
- **III.** Instruments and equipment for thermodynamic research.

Symposium language - Russian and English



ORGANIZING COMMITTEE OF THE SYMPOSIUM

Co-Chairman - **Anatoly I. Rusanov** (Academician of RAS, SPbSU, St. Petersburg)

Co-Chairman **Vladimir P. Fedin** (Corr-member of RAS, NIIC SB RAS, Novosibirsk)

Vice-Chairman **Nikolay V. Gelfond** (D.Sci. (Chem.), NIIC SB RAS, Novosibirsk)
Scientific secretary **Ludmila N. Zelenina** (PhD (Chem.), NIIC SB RAS, Novosibirsk)

Members of organizing committee:

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N. Z. Lyakhov, ISSC SB RAS, Academician
V. N. Parmon, IC SB RAS, Academician
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A. B. Yaroslavtsev, IGIC RAS, Corr-member RAS
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V.L. Stolyarova, SPbSU, Corr-member RAS
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S. P. Verevkin, Rostock, Germany, Prof. Dr.
K. S. Gavrichev, IGIC RAS, D.Sci. (Chem.)
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D.N. Dybtsev, NIIC SB RAS, D.Sci. (Chem.)
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N.G. Naumov, NIIC SB RAS, D.Sci. (Chem.)
A.V. Okotrub, NIIC SB RAS, D.Sci. (Phys.-Math.)
S.V. Stankus, IT SB RAS, D.Sci. (Phys.-Math.)
A. M. Toikka, SPbGU, D.Sci. (Chem.)
I.A. Uspenskaya, MSU, D.Sci. (Chem.)
Y.V. Shubin, NIIC SB RAS, D.Sci. (Chem.)
M. L. Kosinova, NIIC SB RAS, PhD (chem.)



PROGRAM AND LOCAL COMMITTEE OF THE SYMPOSIUM

Co-Chairman- **N.V. Gelfond**, NIIC SB RAS
Co-Chairman- **E.V. Polyakov**, ISSC UB RAS
Co-Chairman- **R.Sh. Abiev**, ISC RAS
Scientific secretary- **K.V. Zherikova**, NIIC SB RAS

Members of program and local committee

M.A. Bespyatov, NIIC SB RAS
E.S. Vikulova, NIIC SB RAS
A.A. Krasilin, Ioffe PTI RAS
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I.S. Merenkov, NIIC SB RAS
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V.A. Shestakov, NIIC SB RAS
E.Y. Filatov, NIIC SB RAS



Information about the Symposium posted on the website:

<http://niic.nsc.ru/institute/conferences-inx/826-conferences-2020/2900-13-symposium>

Abstracts will be published in electronic form to the beginning of the symposium. The rules for abstracts and the deadlines for their submission will be announced in the second circular.

The symposium will be held at the Nikolaev Institute of Inorganic Chemistry:
630090, Novosibirsk, 3, Acad. Lavrentiev Ave,

Rooms to stay will be booked in the hotels of Akademgorodok
“Golden Valley” (<http://gold-valley.ru>)
and “Park Wood” (<http://parkwoodhotel.ru>),
as well as in the dormitories of the Novosibirsk State University.

Registration fee for participation **5000 rub.** (for students and graduate students **2000 rub.**)

Additional information will be provided in the second circular.

For participating in the symposium and receiving further information, you must register on the site of symposium up to **1 December 2019 г.**



13th symposium with international participation

THERMODYNAMICS AND MATERIAL SCIENCES

Novosibirsk, 15-19 June 2020

First circular

