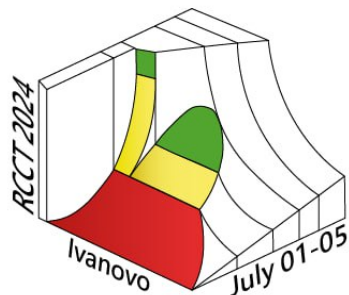
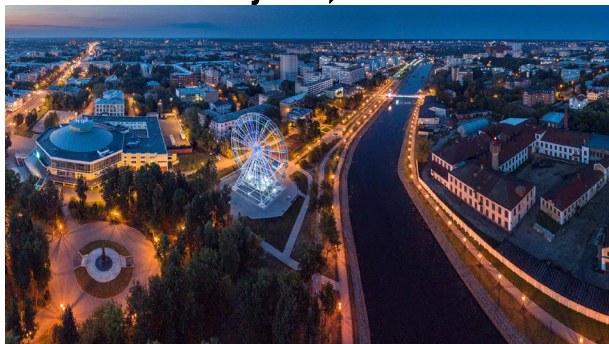


XXIV International Conference on Chemical Thermodynamics in Russia



RCCT-2024

**Ivanovo, Russia
July 1-5, 2024**



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**G.A. Krestov Institute of Solution Chemistry of the Russian
Academy of Sciences**

**Ivanovo State University of Chemistry and Technology
Kurnakov Institute of General and Inorganic Chemistry of
the Russian Academy of Sciences**

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Conference website: <http://rcct.isc-ras.ru/>

Important Dates:

Dates of the conference: 01.07.2024 – 05.07.2024

Registration deadline: **10.03.2024**

Abstract submission: **29.03.2024**

Fee payment deadline: 30.04.2024

Working languages: English and Russian

Plenary reports: 40 minutes

Registration fee includes:

access to the conference and poster area, welcome reception, participant bag and Conference proceedings, coffee breaks.

Participants	10000 rubles
PhD students	5000 rubles
Accompanying persons	3000 rubles

Venue:

Ivanovo State University of Chemistry and Technology,
7, Sheremetievskiy Avenue, Ivanovo, Russia

Accommodation:

The list of recommended hotels for self-booking will be given on the conference web-site.

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Scientific Secretary: Lubov A. Antina

Address of the Organizing Committee:

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General Information

The XXIV International Conference on Chemical Thermodynamics in Russia (RCCT-2024). Conferences on chemical thermodynamics are among the largest scientific events in Russia. The first conference of the series – “The All-Union Conference on Calorimetry” – opened in 1961 and was then held every two-three years until 1977. In 1979 it was renamed “The All-Union Conference on Calorimetry and Chemical Thermodynamics” and was held regularly until 1991. Then there was a long pause in the conference history until 2002, when the conference tradition was revived with the first “International Conference on Chemical Thermodynamics in Russia” in Saint Petersburg. Since then the RCCT International Conferences have been organized every two years in large scientific centers of Russia, including Moscow (2005, 2013), Saint Petersburg (2002, 2019), Ivanovo (2007), Kazan (2009, 2022), Samara (2011), Nizhny Novgorod (2015), and Novosibirsk (2017).

Every RCCT is a unique and important scientific event both for the Russian and international thermodynamic communities. The conference traditionally covers all aspects of chemical thermodynamics from fundamental to applied problems, including multidisciplinary approaches and related fields of science. RCCT2024 is to take place in the year of the 300th anniversary of the Russian Academy of Sciences. RCCT 2024 will be organized as part of a Conference Cluster, which will include two conferences: XXIV International Conference on Chemical Thermodynamics in Russia and XV All-Russian School-Conference of Young Scientists “Supercritical Fluid Technologies in Solving Environmental Problems”.

Scope of the conference

- Thermodynamic Properties and Models
- Molecular and Statistical Thermodynamics
- Experimental Techniques and Databases
- Phase Equilibria
- Transport Properties
- Thermodynamics of Surface Phenomena
- Self-Organization
- Petroleum Fluids
- Supercritical Fluids
- Ionic Liquids
- Nanomaterials
- Polymer Systems
- Biochemical Systems

Sections of the conference

Sec 1. Development of General Methods and Tools of Chemical Thermodynamics: New Experimental Techniques, Theory and Computer Simulation

Sec 2. Thermodynamics of Solvation and Complex Formation in Solutions

Sec 3. Thermochemistry and Databases

Sec 4. Thermal Analysis and Calorimetry of Substances for Advanced Materials

Sec 5. Thermodynamics of Interfacial and Confined Phenomena

Sec 6. Thermodynamics of Functional Materials and Engineered Self-Assembly.