

## Venue



Nizhni Novgorod was founded in 1221. The city is famous for its unique historic and architectural monuments, and is on the UNESCO list of 100 cities of great history and culture. Nizhni Novgorod is the fifth largest city in Russia and the administrative center of the Nizhni Novgorod region. The city is an important economic, transportation and cultural center of Russia and the administrative center of the Volga federal district. It is situated on the junction of two rivers Volga and Oka.

## Accommodation



The hotel "Ibis" is located just a few minutes away from the city's main pedestrian street – Bolshaya Pokrovskaya - and famous Nizhni Novgorod Kremlin.

<http://ibis-novgorod.ru/>

The hotel "Akademservis" is located downtown Nizhni Novgorod, not far from historical, cultural and architectural attractions. This hotel is designed especially for young scientists.

<http://akadservice.ru/>

## Transportation

Nizhni Novgorod is located 400 km from Moscow. You can take the high speed train "Sapsan", which will take approximately 4 hours. The city has an international airport "Strigino". Domestic and international flights are carried by Lufthansa, Aeroflot, RusLine, S7, Ural airlines and others.

## Climate

The climate in the region is continental and it is similar to the climate in Moscow. Average temperature in June ranges from 23°C (73°F) to 13°C (55°F).

## Mailing address

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RCCT2015  
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## Web site

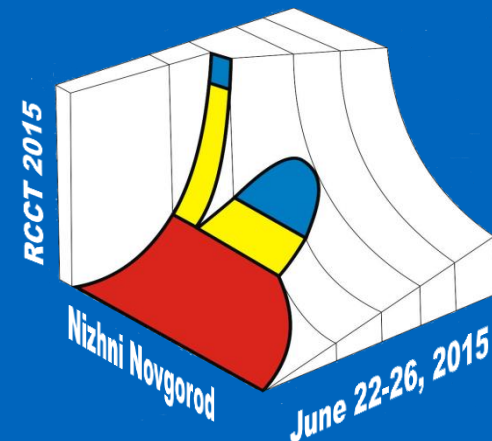
<http://www.rcct2015.unn.ru/>

Please e-mail the Organizing committee if you have any questions.

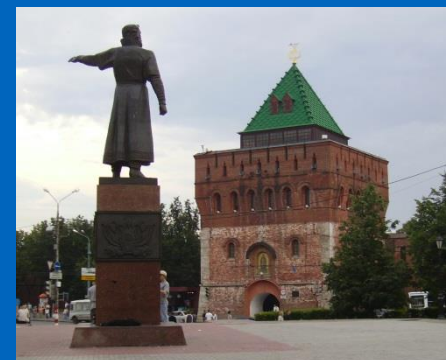


**LOBACHEVSKY STATE UNIVERSITY**  
of NIZHNI NOVGOROD  
National Research University

## Lobachevsky State University of Nizhni Novgorod



## XX International Conference on Chemical Thermodynamics in Russia RCCT 2015



**June 22-26, 2015**



## **XX Russian International Conference on Chemical Thermodynamics (RCCT 2015)**

**June 22-26, 2015**

**Nizhni Novgorod.**

### **Organizing committee**

A.I. Rusanov,	Co-Chairman	<i>Saint Petersburg</i>
E.V. Chuprunov	Co-Chairman	<i>Nizhni Novgorod</i>
K.S. Gavrichev	Vice-Chairman	<i>Moscow</i>
A.V. Knyazev	Vice-Chairman	<i>Nizhni Novgorod</i>
N.N. Smirnova	Vice-Chairman	<i>Nizhni Novgorod</i>
A.V. Markin	Scientific secretary	<i>Nizhni Novgorod</i>
E.N. Bulanov	Scientific secretary	<i>Nizhni Novgorod</i>

The organizing committee plans to actively cooperate with Institute of Chemistry of High-Purity Substances of the RAS and Razuvaev Institute of Organometallic Chemistry of the RAS.

### **General Information**

Traditionally the Conference is organized since 1961 in different Russian scientific centers (including former USSR member states during Soviet time): seven times in Moscow, three times in St.-Petersburg, twice in Tbilisi and once in such cities as Krasnoyarsk, Novosibirsk, Nizhni Novgorod, Ivanovo, Suzdal, Kazan, Samara. Conference program includes plenary lectures, discussions and a poster session. A social program for RCCT participants and for accompanying persons will be organized.

### **Sections and Topics**

#### **Section 1. General problems of chemical thermodynamics**

- Methodological problems and new methods of phenomenological and statistical thermodynamics of reversible and irreversible processes;
- Systematization and standardization of thermodynamic data, databases;

- Teaching chemical thermodynamics;
- Numerical methods, thermodynamic and molecular modeling;
- Development of experimental techniques.

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#### **Section 2. Thermodynamics of individual chemical compounds**

- Thermodynamic properties of individual substances;
- Phase equilibrium, critical phenomena;
- Theoretical calculations and correlation estimations and thermodynamic magnitudes;
- Thermodynamics of macromolecular and supramolecular compounds.

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#### **Section 3. Thermodynamics of solutions and heterogeneous systems**

- Experimental and theoretical investigations of thermodynamic properties of solutions and alloys;
- Thermodynamic approaches in the plotting of phase diagrams;
- Behavior of supercritical fluids; Self-organization in solutions;
- Thermodynamics of biochemical systems.

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#### **Section 4. Thermodynamics of the surface phenomena and self-organization phenomena in the fluid systems**

- Thermodynamics of colloidal, polymeric, membrane and liquid crystal systems, mono- and multimolecular thin films;
- Thermodynamics of surface phenomena and phase transitions in interfacial interactions in heterogeneous systems.

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### **Section 5. Applied aspects of chemical thermodynamics**

- Modeling and improvement of technological processes (including process of obtaining new nanomaterials) using modern methods and approaches of chemical thermodynamics;
- Thermodynamic analysis of chemical reactions in the technology production of inorganic and organic substances.

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#### **Round table**

Thermodynamics of nanosystems.

#### **Registration**

Registration form will be posted on March 15.

#### **Registration fee**

- The registration fee is 5000 rubles.
- For foreign participants - 300 euro
- For foreign students and PhD students - 100 euro.
- For accompanying person - 200 euro.
- For participants from CIS countries - 5000 rubles.
- For students and PhD students from CIS countries - 1500 rubles.
- For accompanying person from CIS countries - 3000 rubles.

#### **Data schedule**

First Circular	<b>1 April, 2014</b>
Second Circular and Call for Abstracts	<b>1 June, 2014</b>
Deadline for Registration	<b>1 December, 2014</b>
Deadline for Abstracts	<b>1 February, 2015</b>
Third Circular and Final program	<b>15 May, 2015</b>