

III Russian Congress on Catalysis RUSCATALYSIS-2017

First Announcement

Dear Colleagues,

The Organizing Committee cordially invites you to take part in the III Russian Congress on Catalysis «RUSCATALYSIS-2017» to be held in Nizhny Novgorod (Russia) on May 22-26, 2017.

The III Russian Congress on Catalysis “RUSCATALYSIS” aims to address the state of the art and challenges in all fields of catalysis, to determine the priority tasks for fundamental and applied research, and to discuss the subsequent industrial implementation of the latest developments. It also focuses on the problems of specialists training in the field of catalysts and catalytic technologies.

We will be delighted to see you among the participants of the Congress!

Organizing Committee

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- Boreskov Institute of Catalysis SB RAS, Novosibirsk
- Lobachevsky State University of Nizhny Novgorod, Nizhny Novgorod
- Lomonosov Moscow State University, Moscow
- Topchiev Institute of Petrochemical Synthesis RAS, Moscow
- Zelinsky Institute of Organic Chemistry RAS, Moscow

CONGRESS SPONSORS

- Nonprofit Partnership “National Catalytic Society of Russia”

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A.M. Ershova	<i>BIC SB RAS, Novosibirsk</i>



SCIENTIFIC PROGRAM

Scientific Program of the Congress comprises invited plenary lectures (40 min), keynote lectures (30 min), invited oral presentations (20 min), oral presentation (20 and 10 min) and poster presentations.

Main Topics:

Section 1 Physicochemical fundamentals of catalytic processes

- Theoretical and experimental investigation of processes on the catalyst surface, including in situ studies
- Mechanisms of catalytic reactions
- Kinetics of catalytic processes

Section 2 Scientific basis of catalyst production

- Physicochemical basis of catalyst synthesis
- Scientific basis of technologies and equipment for the production of catalysts and supports
- Methods and equipment for catalyst testing

Section 3 Advanced catalytic processes

- Oil refining
- Chemistry and petrochemistry
- Environmental protection
- Energy saving and processing of renewable feedstocks

Section 4 Industrial catalysts and catalytic processes

- Catalyst operation under industrial conditions
- Catalytic reactors: design and application
- Deactivation and regeneration of industrial catalysts
- Catalytic process engineering including software

SATELLITE EVENTS

Round Table I. «**Education and Catalysis**»

Round Table II. «**Catalysis: problems of import substitution. Processes, catalysts, instrumentation**»

Symposium. «**The catalytic processes in gas chemistry**»

School-Conference on Catalysis for Young Scientists «**Physicochemical methods of research - the key to understanding the principles of the catalytic action**»

The main topics of school:

- Modern methods of studying the structure and functional properties of materials on nano and macro level
- Possible applications of *in situ* methods
- Quantum chemical methods for studying mechanisms of catalytic reactions
- Physical and chemical methods of research of catalysts and their active sites

THE OFFICIAL LANGUAGE OF THE CONGRESS IS RUSSIAN



PUBLICATIONS

Book of Abstracts covering plenary and keynote lectures as well as oral and poster presentations will be issued before the Congress. International standard book number (ISBN) will be assigned to the electronic issue of the Book of Abstracts.

The Organizing Committee invites participants to publish articles, based on congress reports, in «Kinetics and Catalysis» (lectures and oral presentations of sections Physicochemical Fundamentals of Catalytic Processes and Scientific Basis of Catalyst Production), «Catalysis in Industry» (lectures and oral presentations of sections Advanced Catalytic Processes and Industrial Catalysts and Catalytic Processes), «Alternative Energy and Ecology (ISJAE)» and «Oil and Gas Chemistry» journals.

APPLICATION FOR PARTICIPATION AND ABSTRACTS

The online application is available the Congress website: <http://conf.nsc.ru/RUSCATALYSIS-2017>.

In case of any problems with the online registration as well as abstract addition, please feel free to contact the Congress Secretary **Marina Suvorova** (e-mail address: suvorova@catalysis.ru).

The abstract template is available for download at: http://conf.nsc.ru/RUSCATALYSIS-2017/ru/ruscatalysis-2017_congress_proceedings

COMPANY PRESENTATIONS

The Organizing Committee invites the Russian and foreign companies specializing in catalysts and catalytic processes to advertise their products during the Congress.

Participation in the Congress offers you a great opportunity to promote your company, its products and services!

Companies interested in advertising their products can participate in the Congress in any convenient form, including oral presentation, exhibition of equipment and instruments, demonstration of existing designs and layouts, distributing the advertising materials, placement of advertising pages in the Book of Abstracts, etc. The cost of these services depends on the form of participation.

VENUE: NIZHNY NOVGOROD



Nizhny Novgorod is one of the oldest Russian cities; it is often called "the capital of Volga". City is situated at the merge of two rivers, Volga and Oka. The left bank of the two rivers is a lowland, and the right, the Dyatlov Mountains. From the lower part of the city you can see a very scenic high steep mountain slopes of the uptown. The difference in elevation is about 140 meters.



The history of Nizhny Novgorod goes back nearly eight centuries, and to this day the city has preserved the beauty and majesty of old houses and picturesque views from the banks of the Oka and Volga rivers. There is a saying in Russia, "St. Petersburg is Russia's head, Moscow is its heart, and Nizhny Novgorod is its pocket". Nizhny Novgorod is called a "pocket of Russia" thanks to the famous Nizhny Novgorod Fair, the largest fair in Russia in the 19th century.

There are lots of unique monuments of history, architecture and culture in the city, which gave the UNESCO the grounds to include Nizhny Novgorod in the list of 100 cities of the world historical and cultural heritage.

The main historical attraction of Nizhny Novgorod is the unique Kremlin, which combines the severity of the medieval city walls and towers, and the rigor of classical buildings of the 19th century. Built as a fortification, Nizhny Novgorod Kremlin was never captured by the enemy.

Nizhny Novgorod today is the fifth most populous city in Russia, with the rich history and culture and at the same time with modern industrial power and magnificence of nature. The organizers hope that the city's preserved grandeur and color would contribute to the creative and pleasant atmosphere of the congress.

"Ruscatalysis-2017" will be held in the conference rooms of Lobachevsky State University of Nizhny Novgorod (Address: 23 Prospekt Gagarina (Gagarin Avenue) BLDG 2, 603022, Nizhny Novgorod, Russia)

REGISTRATION FEE

Categories of participants	Registration fee	
	Standard registration fee (before March, 1, 2017)	Late registration fee (March, 1 – April 30, 2017)
Industrial/company	RUB 10,000	RUB 12,000
Academic organizations of Russia/CIS countries	RUB 8,000	RUB 10,000
Post-graduates and students*	Free*	
Post-graduates and students	RUB 4,000	RUB 4,500
Virtual participation	RUB 1,000	

* Organizing Committee announces a contest for the best works as part of the School-Conference on Catalysis for Young Scientists. The Program Committee of the Congress will select 25 best oral and poster presentations. Representing authors of selected works will participate in Congress free of charge for the registration fee. Post-graduates and students who will not pass the competition, should pay the registration fee.

The fee covers editorial expenditures, delegate bag, auditorium rent, airport-resort-airport transfer, coffee breaks, Welcome Party, and one excursion.

The registration fees include 18% VAT.



KEY DATES

June 10 – October 20, 2016	Submission of the registration forms and Abstracts
December 1, 2016	Notification of acceptance and distribution of the Second Announcement
February 28, 2017	Distribution of preliminary Scientific Program
May 22 – 26, 2017	Working days
May 27, 2017	Post-tour

CONTACTS

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