



2023  
3 - 7 JULY

## 8<sup>th</sup> Asian Symposium on Advanced Materials (ASAM-8)

July 3 – 7, 2023  
Novosibirsk, Russia



### INFORMATION LETTER 1

Dear colleagues!

It's our great pleasure to revive the Asian Symposium on Advanced Materials, which was successfully started in 2007 in Vladivostok (Russia) and then continued in China, Japan, Taiwan, Korea, and Vietnam. Our intention is to follow its good traditions, including a high scientific level, participation of leading scientists and a friendly atmosphere. Since its beginning, the Symposium has attracted a large number of participants from a wide range of Asian countries. The success of the Symposium is caused by the increasing interest of the scientific community in the science of materials, as well as in the practical application of advanced materials in different areas. The Symposium traditionally attracts specialists in the field of fundamental science of materials, energy, ecology and environmental science, engineering, and biomedicine, and other. Therefore, the Symposium provides a platform for an extensive interdisciplinary discussion between scientists and engineers from Asian universities, academic institutes and industry.

We are looking forward to seeing you at the Symposium in Novosibirsk!

*Organizing Committee*

#### ORGANIZER



**Boreskov Institute of Catalysis,**  
Novosibirsk, Russia

#### SUPPORTED BY



**Siberian Branch of the Russian Academy of Sciences,**  
Novosibirsk, Russia

#### HYBRID MODE



**Webinar**

The Symposium will be held in a hybrid mode. The online part will be organized on the Webinar® platform. Face-to-face part will be hosted by the Boreskov Institute of Catalysis in the framework of the celebration of the 65<sup>th</sup> anniversary of the institute.

## INTERNATIONAL ADVISORY COMMITTEE

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## ORGANIZING COMMITTEE

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## SECRETARIAT

**Daria Almaeva**, Boreskov Institute of Catalysis, Novosibirsk, Russia

**Svetlana Logunova**, Boreskov Institute of Catalysis, Novosibirsk, Russia

**Marina Suvorova**, Boreskov Institute of Catalysis, Novosibirsk, Russia

## SCIENTIFIC PROGRAM

The main topics of the Symposium Scientific Program are:

### I. Synthesis and Structure of Advanced Materials

- Porous, 2D, and 3D Nanomaterials
- Nanocomposite Materials
- Nanostructured Catalysts, Adsorbents, and Ceramics
- Carbon Nanomaterials and Hybrids
- Green Chemistry

### II. Biomaterials and Bionanocomposites

- Biocompatible and Biodegradable Materials
- Materials for Biomedical Engineering
- Materials for Drug Delivery

### III. Applications

- Energy
- Catalytic Technologies
- Optoelectronics
- Sensors and Biosensors
- Biomedicine
- Environment and Sustainable Development

The Program will include plenary (45 min.), keynote (35 min.) and invited (25 min.) lectures, oral (15 min.) and poster presentations. Poster authors will be able to make a flash presentation of their report (approx. 3 - 5 min., no questions).

*Working language of the Symposium – English*

## LOCATION



**Novosibirsk** - is the third-most populous city in Russia as well as the most populous city in Asian Russia. It is located in the southwestern part of Siberia on the banks of the Ob River. Novosibirsk was founded in 1893 on the crossing point of the future Trans-Siberian Railway. It grew rapidly into a major transport, commercial and industrial hub. Today, Novosibirsk is a large rapidly developing industrial, scientific and cultural center with a rich social environment.

**Akademgorodok** (Academic Town) is a part of the city of Novosibirsk, located 30 km south of the city center. It is the educational and scientific centre of Siberia. Located within Akademgorodok is Novosibirsk State University, 35 research institutes, a medical academy, apartment buildings and houses, and a variety of community amenities including stores, hotels, hospitals, restaurants and cafes, cinemas, clubs and libraries.



## VENUE



The Symposium will be held in the congress center of the **Novosibirsk Academpark**, which is a perfect place for events such as conferences, symposiums and meetings. Academpark is a territorial, scientific, technological and technical base for the implementation of innovative projects. Academpark has a whole complex of modern conference rooms and supporting facilities.

## REGISTRATION & ABSTRACT SUBMISSION

You are welcome to apply for participation and submit the abstracts (up to 2 pages) for oral or poster presentations in your [Personal cabinet](#) at the Symposium website.

The abstract template is also published on the symposium website.

The abstracts of all accepted presentations will be published electronically with an assigned ISBN, and placed at the website.

## VISA



All foreign participants of the Symposium need a valid passport and an entry visa to Russia (passport should be valid 6 months after Symposium – at least until 7<sup>th</sup> of January 2024). The visa validity dates will conform to the dates of your personal invitation letter. Visa invitations will be sent to all participants upon request.

Symposium participants should apply for **HUMANITARIAN** type of Russian visa. The Organizing Committee is ready to provide assistance in obtaining a visa to the participants of the symposium on an individual basis. If you are planning to visit Russia, please register on the symposium website and indicate that you need a visa. A representative of the organizing committee will contact you to discuss visa related issues.

Please note that the Boreskov Institute of Catalysis is an organization with a special access control. For free access to the Institute, you need to send a scan of your passport and visa at least 21 days before the start of the Symposium.

## SOCIAL PROGRAM

For the participants of the symposium will be organized:

- ❖ Welcome reception
- ❖ Banquet
- ❖ Excursion program

### Excursions:

#### Walking tour around Akademgorodok

Akademgorodok is the scientific center of the Siberian Branch of the Russian Academy of Sciences. Appearing in the 1950s, it became one of the centers not only of science, but of everything progressive that was then in the USSR. During the tour you will walk along the main streets and



see the sights of Akademgorodok. You will be able to see the House of Scientists, Novosibirsk State University, the monument to the founder of Akademgorodok - Mikhail Lavrentiev, the monument to the Laboratory mouse.

### Visit to Borekov Institute of Catalysis



Federal Research Center Borekov Institute of Catalysis (BIC) is now one of the largest research centers worldwide specialized in catalysis. The BIC's R&D activities span the areas from fundamental problems of catalysis to development of new catalysts and catalytic technologies and to designing semicommercial plants for the catalysts manufacturing. Unique scientific facilities are available at BIC's laboratories, which allow the thorough characterization of chemical composition and properties of catalysts, investigation of mechanisms of catalytic reactions and creation of new effective catalyst for various chemical industries.

### Excursion to Central Siberian Geological Museum

The collection of the museum includes more than 1200 minerals from 60 countries, 52 meteorites with a total weight of 192 kg, more than 10,000 mineral samples from 153 deposits of Siberia and the Far East.



### Excursion to Museum of History and Culture of the Peoples of Siberia and Russian Far East



The Museum exhibition is arranged according to the cultural-historical approach and divided into archaeological periods (the Paleolithic Age, Neolithic Age, Bronze Age, Early Iron Age, and Medieval Period). The expositions at the Museum have been set up on the basis of integrated and comprehensive approach to the studies of a great variety of the Siberian and Far Eastern cultures. They vividly illustrate various stages in the historical development of this huge region. The museum displays are used in education of students from the Novosibirsk State University.

### Post-Tour July 7, 2023



**Historical-Architectural Open Air Museum**



**Novosibirsk Museum of the Railway  
Technology**

### Historical-Architectural Open Air Museum

Today the area of the museum is 46.5 hectares. There are several recreational areas, archaeological, ethnographic, architectural monuments, an experimental site, an administrative building, in which one of the expositions is located. The central exhibit is a masterpiece of Russian wooden architecture - a unique church built in 1700. In the area of archaeological sites stone steles and statues of different eras from the Paleolithic to the Middle Ages are represented. The ethnographic zone is a reconstruction of the Mansi clan sanctuary. On the territory of the museum master classes and public events are held, traditional holidays are celebrated. Such use of architectural monuments increases their importance and relevance.

### Novosibirsk Museum of the Railway Technology

The museum is named after Nikolai Akulinin, who was the founder of the museum and its first director. The open-air museum presents 17 steam locomotives, 15 diesel locomotives, 12 electro locomotives, carriages and paraphernalia from the 19th and 20th century, mainly from Russian and Soviet production. In addition, some locomotives from the United States, Czechoslovakia and Hungary are exhibited. The museum has also a collection of mainly Soviet cars, and since 2006 some foreign classic cars from other countries. The museum has also an educational obligation: It organizes seminars and conferences, which cover a wide variety of railway related topic.

### REGISTRATION FEE

**IN-PERSON** registration fee covers all Symposium documentation and materials, including the Symposium Book of Abstracts, Welcome reception, refreshments, and excursion.

**ONLINE** registration fee includes the opportunity to join the Symposium on the Webinar platform, listen to all reports on all days of the Symposium, take part in the discussion of presentations, make an oral, or a flash-poster presentation, publication in the Symposium Book of Abstracts.

Participant	Registration fee (including VAT 20%) April 10 - May 20, 2023	
	IN-PERSON	ONLINE
	<b>For foreign participants:</b>	
Full regular participant	400 USD	100 USD
Student, PhD student	200 USD	
	<b>For Russian participants:</b>	
Full regular participant	14 000 RUB	3 500 RUB
Student, PhD student	7 000 RUB	

### Cancellation policy:

*Request for cancellation up to June 3, 2023 inclusive: refund 60% of paid amount.*

*Fees are not refundable after June 3, 2023. Refund payment will be settled during 90 days.*

❖ For more details, please, visit Symposium website «Registration fee» page.

## ACCOMMODATION

**Participants of the Symposium pay for their own hotel accommodation.**

Via the Organizing Committee you can book a room at the Golden Valley Hotel.

### **Hotel Zolotaya Dolina (Golden Valley Hotel)**

Novosibirsk, Akademgorodok, Ilyicha St., 10

<https://gold-valley.ru>



price	breakfast included	no breakfast
Economy singl	2 190 rub	1 700 rub
Economy twin (per room / per person*)	3 380 rub / 1 690 rub	2 400 rub / 1 200 rub
Economy triple (per room / per person)	3 870 rub / 1 290 rub	2 400 rub / 800 rub
Standard singl	2 890 rub	2 400 rub
Standart twin (per room / per person*)	4 480 rub / 2 240 rub	3 500 rub / 1 750 rub
Superior room	5 090 rub	4 600 rub
Lux	7 890 rub	7 400 rub

*If one person occupies a twin room, then she/he should pay the full price. If you are traveling alone, but would like to take a place in a twin room, please write to the organizing committee and we will try to find a roommate for you.*

*The number of Economy rooms is limited. The Organizing Committee makes reservations in the order of priority as applications are received.*

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You can make your own reservation at the Park Wood Hotel. You can book a room on the hotel website:

<https://parkwoodhotel.ru>.

### **Park Wood Hotel**

Novosibirsk, Akademgorodok, Arbuzova Str., 6/2



room	price
Business single bed	4 500 rub
Superior double bed	5 000 rub
Superior twin bed	5 000 rub
Lux Superior double bed	8 800 rub
Lux Superior twin bed	8 800 rub

## IMPORTANT DATES

<b>January 25, 2023</b>	Online registration opening
<b>March 10, 2023</b>	Deadline for application & abstract submission
<b>April 10, 2023</b>	Notification of acceptance
<b>April 20, 2023</b>	Distribution of the preliminary Scientific Program
<b>May 20, 2023</b>	Deadline for registration fee payment
<b>June 20, 2023</b>	Distribution of the final Scientific Program
<b>July 3 - 6, 2023</b>	Symposium opening, working days
<b>July 7, 2023</b>	Post-Tour

## CONTACTS

### Symposium Secretary

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## SYMPOSIUM WEBSITE

<http://conf.nsc.ru/asam8/en/>

*Looking forward to seeing you in Novosibirsk!*

