



**Third Asian School-
Conference on Physics and
Technology of
Nanostructured Materials
(ASCO-NANOMAT 2015)**

August 19-26, 2015

INVITATION

Dear Colleagues, on behalf of the Organizing Committee, it is a great pleasure for us to invite you to attend the Third Asian School-Conference on Physics and Technology of Nanostructured Materials (ASCO-NANOMAT 2015). The meeting is organized by the Institute of Automation and Control Processes of Far Eastern Branch of Russian Academy of Sciences and Far Eastern Federal University. The ASCO-NANOMAT 2015 will take place from 19 to 26 August 2015 at the Conference Hall of Far Eastern Federal University on the Russky Island.

The Organizing Committee is making every effort to ensure that your participation is being pleasant, scientifically fruitful and giving rise to new ideas, contacts and cooperation. We hope that the third meeting as the first and the second ones will stay in your memory for a long time. Vladivostok is a Russian city that is in Far Eastern region, geographically close to Asian Countries: China, Japan, Korea, Vietnam, India and Australia. Therefore, one of the aims of this school-conference is to make them closer "scientifically", stimulate contacts and cooperation between scientists of Asian countries and through the Russian scientists bridge them with European scientists because of good relations of Russia with neighboring European countries. The ASCO-NANOMAT 2015 is intended as a forum for scientists and technologists mainly from Asian universities, academic institutes and industry at which they might present their latest findings and develop new synergies on Physics and Technology of Nanostructured Materials and all the related subjects. We hope that the ASCO-NANOMAT 2015 will promote initiation of new scientific contacts and meetings between noted and young participants in future. We invite contributions on all aspects of nanostructured materials for modern and future industry.

On behalf of the Organizing Committee,

Professor Nikolay GALKIN
Chair of ASCO-NANOMAT 2015

A handwritten signature in blue ink, appearing to be 'N. Galkin', is located at the bottom right of the page.

TECHNICAL AREAS

1. Atomic-scale controlled surfaces/interfaces and nanostructure self-organization
2. Semiconducting nanoheterostructures: growth, structure and characterization
3. Nanosilicides and bulk silicides: synthesis and characterization
4. Carbon based nanomaterials: technology, structure and characterization
5. First principal calculations and molecular modeling of nanostructures
6. Formation and properties of ferromagnetic, thermoelectric and ferroelectric materials and nanosystems
7. Optical materials, nonlinear optical mediums and laser metrology
8. Nanostructured coatings: formation technology and properties
9. Nanocomposites and functional hybrid materials: formation technology, structure and characterization
10. Biohybrids and biomaterials: biomimetic materials, biomineralisation, and biosystems
11. Nanodevices and sensors for photonics, optoelectronics, thermoelectronics and electromechanics

GENERAL INFORMATION

Date and venue

The Third Asian School-Conference on Physics and Technology of Nanostructured Materials (ASCO-NANOMAT) will be held from 19 to 26 August 2015 at the Conference Hall of Far Eastern Federal University (FENU) that is situated on the Russky Island near the downtown of Vladivostok. Vladivostok is a port city of about 700 000 inhabitants being on the Far East Coast of Russia. It was founded in 1860. This is the largest city in the Russian Far Eastern region. In Vladivostok, there are 4 universities and Far East Department of the Russian Academy of Sciences that consists of 14 academic institutes. The city is situated on hills of Murav'ev-Amurski Peninsula and surrounded by two bays. There are magnificent countryside, coastline and islands near Vladivostok.

Climate

The end of August is the end of summer in Vladivostok. As usual, it is sunny, but rain showers are possible. Average daytime temperature is around 26 °C, but on sunny days it exceeds 28 °C. The nights are usually warm. The temperature of water in the bays is about 22-24 °C.

ORGANIZERS



*Institution of Russian Academy of Sciences Institute of
Automation and Control Processes of Far Eastern Branch of RAS
(IACP FEB RAS)*



*Far Eastern Federal University
(FEFU)*

Chair of ASCO-NANOMAT – 2015

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SUBMISSION OF ABSTRACT

The two-page camera-ready abstract must be prepared in English using the conference template. The MS Word file (*.doc or *.docx) with abstract should be submitted to the Local Organizing Committee via web interface (<http://www.ntc.dvo.ru/conf/nanomat2015/prereg.php>). The abstract submission **dead line is February 28, 2015**. You can download the abstract template here (http://ntc.dvo.ru/conf/nanomat2015/ASCO-NANOMAT-2015_article_template.dotx).

The first page must include the title of the paper, author(s), affiliation(s), mail address, telephone number, fax number, e-mail address, and article text. Two-byte characters such as Japanese, Chinese, Korean, etc. fonts cannot be used for either figures or texts. The paper should report original, previously unpublished work, including specific results. Papers to be presented at the School-conference will be selected by International Program Committee. Authors of accepted papers will be notified via e-mail by March 31, 2015.

EXTENDED ABSTRACTS PUBLICATION

Accepted papers will be published, without opportunity for further revision, in the form of Proceedings book, which will be distributed to school-conference participants during school's work.

The papers selected by Publishing Committee will be published in [Chinese Journal of Physics](#) (The Physical Society of The Republic of China) after the finishing of School-conference (November – December, 2015).

PARTICIPANT FEE (INCLUDING MEAL)

The fee has been established as follows:

Participant fee

Regular Participant	350 USD
PhD Student*	250 USD
Accompanying person	180 USD

* *Students should present a letter from their supervisor confirming their student status.*

The registration fee covers meeting at the airport and transportation to and from the Symposium site, every day meal, welcome reception, admission to all technical sessions, coffee refreshments, excursions mentioned in the Symposium Programme, and a set of Symposium materials including a copy of the Proceedings.

Registration fee of an accompanying person includes meeting at the airport, transportation, every day meal, welcome reception, and excursions mentioned in the Symposium Programme.

The registration fee does not cover accommodation.

LOCATION AND DATE

The Symposium will be held in Vladivostok, August 19 – 26, 2015.

All the Symposium Events will take place at the Far Eastern Federal University campus located on the Russky Island.

LANGUAGE

The official language of the Symposium is English. No simultaneous translation services will be provided.

ACCOMMODATION

Foreign and non-Vladivostok participants will be accommodated in hotel and guest houses of Far Eastern Federal University on the Russky Island during August 19 – 26, 2015. You can choose between single and double room. If you will choose double room, on the website in the comments below the accommodation type list you can mention the person, who you would like to be your roommate.

Preliminary price:

Single room: 1500 RUB

Double room: 2000 RUB

Here, you can convert the price into your country currency:

<http://www.xe.com/currencyconverter/>

TRANSPORTATION

The Organizing Committee will arrange the transfer from Vladivostok international airport to the FEFU Hotel upon arrival and departure.

IMPORTANT DATES

Web site registration deadline	January 31, 2015
Abstract submission deadline	February 28, 2015
Visa support submission deadline	March 31, 2015
Official invitation distribution	March 31, 2015
Paper submission to Chinese Journal of Physics	June 30, 2015
School-Conference	August 19 – 26, 2015
Chinese Journal of Physics special issue (preliminarily)	December, 2015

SCIENTIFIC PROGRAMME

Wednesday	August 19	9:00 – 22:00	Participant arrival at the airport of Vladivostok, transportation on Russky Island and hotel accommodation
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Oral Sessions

Tuesday	August 20	8:30 – 19:00
Friday	August 21	9:00 – 19:00
Saturday	August 22	9:00 – 19:00
Monday	August 24	9:00 – 18:00
Tuesday	August 25	9:00 – 19:00
Wednesday	August 26	9:00 – 15:00

The time allotted for invited talk is 45 minutes, including 10 minutes discussion, and for regular talk is 15 minutes, including 3 minutes discussion. Speakers will have the opportunity to play the presentation using their own laptop or a computer provided by the Organizing Committee. In the second case, the presentation must be prepared in MS Power Point and it is highly recommended to use “Embed fonts” option in the “Saving parameters”.

Poster Sessions

Friday	August 21	17:30 – 19:00
Tuesday	August 25	17:30 – 19:00

The size of a poster board is 100×120 cm (W×H). Each board will be marked with a number of the corresponding paper. The author is supposed to be at the board during the relevant session. The posters will be sticked early in the morning of the presentation day and removed after closing of the session.

Awards

The ASCO-NANOMAT Young Scientist Awards for 1, 2 and 3 places will be granted at the Award Ceremony on Wednesday afternoon, August 26, 2015. The awards comprise the diploma and money prizes.

SOCIAL PROGRAMME

WELCOME PARTY

Participants and accompanying persons are cordially invited to the Welcome Party in the Café of the Far Eastern Federal University on Tuesday evening at 20:00, August 20, 2015.

SYMPOSIUM DINNER

The Symposium Dinner will be held on Tuesday, August 25, at 19:30 at the Café of the Far Eastern Federal University. The price of 50 USD for the Symposium Dinner is to be paid by Friday afternoon, August 21 at the registration desk.

EXCURSIONS

Two free-of-charge excursions will be arranged for participants and accompanying persons.

Excursion 1: “Night Vladivostok”

Friday, August 21, at 21:00.

Excursion 2: “Voroshilov battery and beaches of Russian islands”

Thursday, August 23, at 9:00