

First Announcement



# Saint-Petersburg International Workshop on NanoBiotechnologies

27 -29 November 2006  
Saint-Petersburg  
Russia

For the first time in Russia!

## Scope

Biological systems are inherently nano in scale. Nanobiology is at the interface of physical and biological sciences. It is a new discipline, with the potential of revolutionizing medicine: it combines the tools, ideas and materials of nanoscience and biology; it addresses biological problems that can be studied and solved by nanotechnology; it thinks out ways to construct molecular devices using biomacromolecules; and it attempts to build molecular machines utilizing concepts seen in nature.

Biology is increasingly asking quantitative questions. Quantification is essential if we are to understand how the cell works, and details of its regulation. The physical sciences provide tools and strategies to obtain accurate measurements and simulate the information to allow to comprehend the processes. The development of computational modeling and informatics software will enable scientists and engineers to apply nanotechnology to key areas of medical research, including diagnostics, biosensing, drug delivery and biomaterial design. The aim of this workshop is to set the discussion between biologists, physicists, computer scientists and engineers, traditionally divided groups, and bridge the gap between materials science and life science. The scientific program will consist of oral, poster and position presentations.

## Satellite meetings

- Meeting of the German-Russian network on Computational Systems Biology.
- Meeting of the Austrian-Russian workgroup on Nanobiotechnology.
- Round Table "Problems of Application of Nanotechnologies and Nanobiotechnologies in High-Tech Industry of Saint-Petersburg"

## Topics

- Artificial Nanostructures
- Self-organized Nanostructures
- Nanocarbon
- Energy Nanomaterials
- Systems Biology
- Synthetic Biology
- Nanobionics
- Nanodesign
- Regulatory and Signaling Networks
- Noise in Biological Systems
- Integrative Data and Text Mining Approaches
- Signal Processing
- Nanodiagnostics
- Nanobiosensors
- Nanobiotech Risks Assessment for Human Health and Environment
- Nanobiotech Education and Industrial Innovation

## Important dates

Abstracts due: **October 19, 2006**

Notification to authors: **October 23, 2006**

Registration deadline: **October 27, 2006**

Conference Dates: **November 27-29, 2006**

## Organizers

- Ministry of Education and Science of Russian Federation
- Saint-Petersburg State Polytechnical University
- M.V. Lomonosov Moscow State University
- Center for Advanced Studies of Saint-Petersburg State Polytechnical University
- Saint-Petersburg State University Technology and Design
- Institution for Research and Education "Saint-Petersburg Physico-Technical Center for Research and Education of the Russian Academy of Science"
- Center of Microtechnology and Diagnostics of Saint Petersburg Electrotechnical University
- Russian Science Council "Fullerenes and Atomic Clusters"
- Austrian - Russian Working Group on Innovation Cooperation in the Industry and Science
- Research Institute for Materials, Saint-Petersburg
- National Documentation Centre (Greece)

## Sponsors

[Federal Agency on Science and Innovations](#)

[Russian Foundation for Basic Research](#)

[Saint-Petersburg City Government](#)

[Federal and Regional Programs Foundation](#)

## Sponsorship

Sponsors are invited to support this event. Please contact the Organizing Committee if your organisation is interested to become a sponsor (see [Contacts](#)).

## Conference Co-Chairs

- Michail Alfimov (Russia), Director of the Photochemistry Center of RAS
- Michail Fiodorov (Russia), Rector of St. Petersburg State Polytechnical University
- Viktor Sadovnichij, Rector of M. V. Lomonosov Moscow State University

## Co-Chairs of Scientific and Organizing Committees

- John Reinitz (USA)
- Sergey Kozyrev (Russia)

## Scientific Committee

- Alexander Samsonov (Russia)
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- Ildus Nuretdinov (Russia)
- Jaap Kaandorp (the Netherlands)
- Lixiang Wang (China)
- Maria Samsonova (Russia)
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## Responsible Officials at St. Petersburg State Polytechnical University

- Andrey Rudskoy, SPbSPU first vice-rector, professor
- Dmitriy Arseniev, SPbSPU vice rector for foreign relations
- Vadim Korablev, , Head of International Scientific Relations Administration, professor
- Vadim Ivanov, Head of Faculty of Physics and Mechanics, professor
- Vladimir Samoilov, Head of The Faculty of Medical Physics and Bio-engineering, professor

## Local Organizing Committee

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## Workshop Program

Along with scientific sessions some introductory visits to St.Petersburg State Polytechnical University, Ioffe Physico-Technical Institute of RAS, the St.Petersburg State Electrotechnical University, St.Petersburg State University (in Peterhof) and State Research Center of Applied Chemistry may be organized for those who are interested in.

Full agenda will be available soon.

## Submission of contributions

Authors are encouraged to submit:

### Oral Presentations:

submit an extended abstract (max 2 A4 pages).

Abstracts will be reviewed by the scientific committee and acceptance or rejection will be communicated to authors.

All submissions which are not selected will automatically be considered for posters presentation.

### Posters:

submit an abstract (max 1 A4 pages).

Abstracts will be reviewed by relevance only and acceptance or rejection will be communicated to authors.

### Position papers:

submit a short abstract specifying research interests and issues to be debated during the workshop.

All abstract must be submitted both in PDF and either in MS Word or LaTeX. Abstracts should be written in English. Text should be single spaced with 3.5 cm from the left margin and 2.5 cm from other margins and justified. Please use 12-point Times New Roman font. Do not indent paragraphs. Name of the presenting author should be underlined. Send all contributions by email within respective deadlines to: [nanobio@spbcas.ru](mailto:nanobio@spbcas.ru) Accepted oral presentations, posters and position papers will be published in the workshop proceedings.

## Papers

Information will be announced later.

## Location

The Sessions of the Workshop will take place in the Main Building of Saint-Petersburg State Polytechnical University, 29, Polytechnicheskaya st., Saint-Petersburg, Russia.

## Accommodation

The list of hotels/guest houses in St.Petersburg (see for example, <http://www.saint-petersburg.com/hotels/index.asp> and <http://ru.hotels.com/index.jsp;jsid=pwulZeYl9M9xGdXr-vK1q>) provides all necessary information with respect to accommodation/reservation.

One may also book a room in the nearest hotel Sputnik via Internet.

The tax for room reservation is 20% of the room rate.

NO hotel prepayment is necessary! The payment is to be done in the hotel upon arrival.

## Fee

The registration fee for a participant is **USD 300**, or **EUR 235**.

The Workshop fee includes admission to sessions, coffee breaks, lunches\*, the Conference Dinner\*\*, social programme, and book of the abstracts\* , transfer from airport and back, visa support, shuttle bus from the Sputnik hotel to conference hall, "the Welcome party"; coffee breaks and lunches.

\* Not for accompanying person, \*\* Not for student participants.

Please make a request to Local Organizing Committee concerning fee for accompanying persons.

## Registration

To be put on the mailing list and receive the current information on the Workshop, please, fill in the Registration Form or send an appropriate request to the Organizing Committee.

## Kind of visa arrangement

- Official (**invitation receiving from SPbSPU, it is necessary in this case to fill in the all italic fields of Registration Form and send us a copy of your passport**)
- By myself (in this case you need not send us a copy of your passport page and fill in the brown fields of Registration Form.)

## Type of payment

**IMPORTANT: Please send a copy of your bank transfer to the Conference Office. The name of workshop, country and surname of a participant (as in passport) must be indicated in the bank transfer.**

### in US Dollars

INTERMEDIARY BANK: Bank of New York,  
48 Wall str., New York, N Y 10286,  
USA, SWIFT: IRVT US 3N

BENEFICIARY'S BANK: 890-0097-507  
Bank for Foreign Trade, Branch St  
Petersburg, Russia  
SWIFT: VTBR RU M2 SPE

BENEFICIARY: account 40503840700001000025  
SEI St Petersburg State Polytechnic  
University, 29, Polytechnicheskaja str,  
St Petersburg, Russia

### in Euro

INTERMEDIARY BANK: Donau Bank AG, POB 1451, F-1011  
Vienna, Austria  
SWIFT: DOBA AT WW

BENEFICIARY'S BANK: 11.00.0615140-900  
Bank for Foreign Trade, Branch St Petersburg, Russia,  
29, B Morskaja str, 190000 St Petersburg, Russia  
SWIFT: VTBR RU M2 SPE

BENEFICIARY: account 40503978407001000025  
SEI St Petersburg State Polytechnic  
University, 29, Polytechnicheskaja str, St Petersburg,  
Russia

# Registration Form

## Saint-Petersburg International Workshop on NanoBiotechnologies

27 -29 November 2006 Saint-Petersburg Russia

Last Name :	
First Name :	
Middle name :	
Title: Prof/ Dr/ Mr/ Mrs/ Ms	Sex: Female/Male
Would you like to submit an abstract? Yes /No	
Title of Paper or Field of Interest :	
<b>Address</b>	
Institution(Company) :	
Department:	
Position :	
Street:	
City:	
Zip code:	
Country:	
Phone (area code):	
Fax (area code):	
<b><i>For invitation</i></b>	
<i>Citizenship:</i>	
<i>Birth date (dd.mm.yyyy) :</i>	
<i>Country and place of birth:</i>	
<i>Place of permanent residence (country, city) :</i>	
<i>Passport number :</i>	
<i>Date of issue (dd.mm.yyyy) :</i>	
<i>Passport expire date (dd.mm.yyyy) :</i>	
<i>Place of visa obtaining (country, city) :</i>	
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**Please return before October 27, 2006.**

Participants can register preliminary by sending a filled-in registration form at NanoBio'06 site:<http://www.spbcas.ru/nanobio/>

## Contacts

Local Organizing Committee of the Saint-Petersburg International Workshop on Nanobiotechnologies NanoBio'2006.

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<http://www.spbcas.ru/nanobio/>

**We are looking forward to see you  
in Saint-Petersburg!**