

IV EU-RUSSIAN OPEN DAYS

**Vienna, 25 October 2011
Russian Centre of Science and Culture
Brahmsplatz 8
A-1040 Vienna**

**Research Infrastructures and
High Potential Research in the Area of
Nanotechnology and Material Sciences**



“EU-RUSSIAN OPEN DAY”

The focus of the EU-Russian Open Days 2011 on 24/25 October 2011 in Vienna is on ***nanotechnology and material sciences*** as one of the key technology areas for the 21st century with a huge innovation potential. In the last decades Russia and Europe have invested a lot into these scientific fields - fundamental and applied research as well as into the establishment of large research infrastructures to advance the innovation process.

It is now time to bundle expertise and to develop common visions for future research and technology collaboration.

The aim of the workshop is to bring together:

- Nano-Science researchers
- Managers of large scale infrastructure for nanotechnology and material sciences
- Policy stakeholders
- Industry

The workshop will offer time and space to discuss plans for future RTD cooperation and to sketch common visions on the collaboration potential.

Get together and networking is crucial to EU-Russian Open day and will be structured around exhibition of the invited research institutions.

Organizers welcome the participants to the “Inspiratorium”!

We hope to offer an inspiring event for all, to enable creative discussions and the prospect for future cooperation.

25 October 2011
Russian Institute for Science and Culture
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09:00 – 09:30 Registration

09:30 – 10:00
Opening Words

Manfred Horvat | Coordinator of Conference of Rectors and Presidents of European Universities of Technology, Vienna University of Technology (AT)

10:00 – 11:00 (Chair: Evgeny Levashov)

Contribution of SHS to Decision of Surface Engineering Problems

Evgeny Levashov | Head of SHS-Center (Self-Propagating High-Temperature Synthesis) and Department Powder Metallurgy and Functional Coatings" National University of Science and Technology "MISIS", Head of Russian NCP Research Infrastructure (RU)

High Pressure Neutron Diffraction at the Laboratoire Léon Brillouin: a 20 Years Russian-French Collaboration

Isabelle Mirebeau | Research Director at CNRS, Laboratoire Léon Brillouin, CEA-Saclay

**Opportunities for Advanced Multimaterial Micro and Nanotechnologies:
Open Access to the User Facilitates KNMF and EUMINAFab**

Georg Obermaier | Karlsruhe Institute of Technology, Helmholtz Programmes NANOMIKRO: Science, Technology and Systems (DE)

11:00 – 11:30
Networking Café

11:30 – 12:30 (Chair: Valery Bukhtiyarov)

Heterogeneous Catalysts with Nanostructured Active Component on the Basis of Gold and PT-group Metals

Valery Bukhtiyarov | Deputy Director and Laboratory Head of the Boreskov' Institute of Catalysis, Siberian Branch of Russian Academy of Science, Novosibirsk (RU)

European XFEL: Status and Outstanding Perspectives for Nanotechnology and Material Sciences

Sergeui Molodtsov | Scientific Director XFEL (DE)

Siberian Center of Synchrotron and Terahertz Radiation

Valery Bukhtiyarov | Deputy Director and Laboratory Head of the Boreskov' Institute of Catalysis, Siberian Branch of Russian Academy of Science, Novosibirsk (RU)

12:30 – 13:30
Lunch Break

13:30 – 15:00

Round Table

Moderation: Alain Fontaine | Director of Nanosciences Foundation, (FR)

15:00 – 16:20 (Chair: Sergey Psakhie)

Experience of Interdisciplinary Integration Projects in the Siberian Branch of the Russian Academy of Sciences and Russian and Foreign Universities

Sergey Psakhie | Director of the Institute of Strength Physics and Materials Science SB RAS, Tomsk (RU)

Materials Engineering at the ZMNS: from Nanostructures to Optoelectronic Devices

Gottfried Strasser | Deputy Head, Center for Micro- and Nanostructures (ZMNS) University of Technology Vienna (AT)

Integrated and Multidisciplinary Materials Research in the Comet-K2 Center Materials-Process and Product-Engineering (MPPE)

Günther Maier | Material Center Leoben (AT)

Nanotechnology Research and Education in Turkey

Volkan Özgüz | Director Nanotechnology Research and Application Center at Sabanci University (TR)

16:20 – 16:50

Networking Café

16:50 – 17:50 (Chair: Dimitry Bronin)

Scientific-Educational Center “Nanomaterials and Nanotechnologies”: Facilities and Activities

Mikhail Filonov | Vice-Rector for Science and Innovations, Head of Scientific-Educational Center “Nanomaterials and Nanotechnologies”, National University of Science and Technology "MISIS", Moscow (RU)

Development of Ecologically Friendly and Energy Efficient Electrochemical Technologies

Dimitry Bronin | Head of Laboratory of Kinetics, Institute of High-Temperature Electrochemistry, Ural RAS, Yekaterinburg (RU)

Nanometrology. Nanoscale Reference Materials for High-resolution Microscopic Techniques

Pavel Todua | Director of Research Center for Surface and Vacuum and Dean of the Department of Physical and Quantum Electronics, National Research University “Moscow Institute of Physics and Technology”, Moscow (RU)

17:50

Exhibition & Bilateral Meetings (open end)

Organizers of the Event



MISIS National
University of Science
and Technology



Ministry of Education
and Science of the
Russian Federation



FFG Austrian Research
Promotion Agency



European
Commission

Event is supported by

- Ministry of Education and Science of the Russian Federation
- FFG - Austrian Research Promotion Agency
- European Commission

Organizing Committee Members

- Tatiana Mishukovskaya | Russian Centre of Science and Culture in Vienna
- Dr. Sergey Ivanets | Ministry of Education and Science of the Russian Federation
- Prof. Evgeny Levashov | National University of Science and Technology “MISIS”, NCP “Infrastructure”
- Irina Slosar, Ralf König, Gerald Kern | FFG Austrian Research Promotion Agency

Registration

http://rp7.ffg.at/eu-russian_opendays_registration

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