

REGISTRATION FORM

For participation in the exhibition within the frame of the IV Nanotechnology International Forum «RusnanotechExpo-2011» (October 26-28, 2011, Moscow, International exhibition center «Expocentre», Pavilion «Forum»)

Please register our company as participant of Spanish booth:

Full Company Name (for Diploma) _____

Brief Company Name _____

Head Office Home Country _____

Address: _____

Contact person:

Full name _____

Job Title _____

Phone: +34 () _____ Fax: +34 () _____

Mobile Phone: +34 () _____

e-mail _____

Persons attending the event:

Full Name	
Job Title	
Full Name	
Job Title	
Full Name	
Job Title	
Full Title	
Job Title	

I would like to book a 4sqm area (Spanish Exposition) at Rusnanotech 2011

Nº of 4sq.m. areas:

Total Cost _____ Euros

Persons attending the Gala-Dinner at Moskva-River yacht trip, free of charge

Name:	
Name:	
Name:	
Name:	

Persons, attending a working visit at a specialized nano-organization, TBA, free of charge

Name:	
Name:	
Name:	
Name:	

NOTES: _____

Date _____

Signature of the Company head _____

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Information about the company

(Please mark as appropriate)

Company type

- State company
 - Government authority
 - Institution of Russian Academy of Science, Russian Academy of Medical Sciences
 - Diplomatic Mission/ Consulate
 - State corporation
 - R&D institute/centre/institution
 - Educational Institution /centre
 - Centre of collective use
 - Industrial park
 - Company with state/municipal participation
 - Others (Please specify _____)
- Noncommercial company
 - Noncommercial partnership
 - Professional association, union)
 - Chamber of Commerce and Industry
 - Other (Please specify _____)
- Commercial company
- Commercial company – small enterprise
 - Scientific-manufacturing company
 - Manufacturing company
 - Investment fund
 - Venture company
 - Mass Media
 - Other (Please specify _____)

Company profile

(several fields can be marked)

- Science
- Business
- Education
- Government body

Exhibited production/technologies

Rubricator

(Please underline as appropriate)

<p>1. NANOMATERIALS, NANOSTRUCTURES</p> <p>1.1. Nanocrystals and nanoparticles 1.2. Nanotubes and nanowires 1.3. Nanostructures 1.4. Volume nanostructural materials</p> <p>1.4.1. Nanoparticles in solid, polymeric and liquid-crystal matrices</p> <p>1.4.2. Nanocapsules</p> <p>1.4.3. Nanofilms and nanosurfaces</p> <p>1.4.4. Superchips, nanocrystal compositions</p> <p>1.4.5. Granular nano-scale materials</p> <p>1.4.6. Conventional technology objects ('nano-powders', nano-porous materials, colloid solutions, gels, emulsions, nano-heterogeneous polymer substances, etc.)</p> <p>1.5. Bionanomaterials and bio-functionalized nanomaterials</p> <p>1.5.1. Supported catalysts</p> <p>1.5.2. Intercalation materials and solid-state electrolytes for chemical sources of electric energy, condensers, etc.</p> <p>1.5.3. Sensor nano-composites</p> <p>1.5.4. Hydrogen-absorbent nanomaterials (hydride-forming intermetallic compounds and analogues)</p> <p>1.5.5. Layered magnet materials and superlattice</p> <p>1.5.6. Multiferroics</p> <p>1.5.7. Spintronics</p> <p>1.5.8. Piezoelectrics</p> <p>1.5.9. Magnetstrictors</p> <p>1.5.10. Superconductors</p> <p>1.5.11. Thermoelectrics</p> <p>1.5.12. Luminescent</p> <p>1.5.13. Meta-materials</p> <p>1.5.14. Multifunctional nanostructured sorbates</p> <p>1.5.15. Nanoporous membranes</p> <p>1.6. Detector and sensor nanostructures and nanostructural materials</p> <p>1.7. Others (please specify _____)</p>	<p>2. NANO-ELECTRONICS</p> <p>2.1. Semiconductor nano-heterostructures (quantum dots and quantum wires)</p> <p>2.2. Spintronic systems (on the basis of magnetic and non-magnetic heterostructures)</p> <p>2.3. Cryoelectronics and fluxon systems based on superconductive (Josephson) nanostructures</p> <p>2.4. Single-electron devices (SET-transistors, nano-electrometers, micro-coolers, bolometers)</p> <p>2.5. Nanoelemental component base (including based on CMOS)</p> <p>2.6. Intergrated circuits (including superlarge intergrated circuits)</p> <p>2.7. Superconductor quantum logic units (cubits)</p> <p>2.8. Devices for superdense recording of information</p> <p>2.9. Nano-electronic sources and detectors</p> <p>2.9.1. Electron emitters on the basis of nano-tubes and other nano-objects</p> <p>2.9.2. SQUID-based extra-sensitive magnetic detectors</p> <p>2.9.3. Supersensitive SET-electrometers</p> <p>3. NANO-PHOTONICS</p> <p>3.1. Semi- and superconductor sources and detectors of electromagnetic emissions</p> <p>3.2. Light-emitting diodes (LED)</p> <p>3.3. Solid-state and organic LEDs</p> <p>3.4. Solar energy elements</p> <p>3.5. Nanostructural optical fibers and devices on their base</p> <p>3.6. Elements of photonics and short-wave non-linear optics</p> <p>3.6.1. Nano-objects and near-field optical devices</p> <p>3.6.2. Non-linear optical converter units and waveguides</p> <p>3.6.3. X-ray lens</p> <p>3.6.4. Photonic crystals</p> <p>3.7. Others (please specify _____)</p>
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<p>4. NANOMEDICINE</p> <p>4.1. Medical methods of diagnostics</p> <p>4.1.1. Based on nanomaterials contrasting substances for MRI, RCT USI</p> <p>4.1.2. Nano-scale indicators for scintillography</p> <p>4.1.3. Micro- (nano-) fluid-based diagnostic techniques</p> <p>4.1.4. Diagnostic nanosensors</p> <p>4.1.5. Diagnostic methods based on micro- and nano-array technologies</p> <p>4.1.6. Biochips</p> <p>4.1.7. Multiplex methods of analysis</p> <p>4.1.8. Technologies of «nano bar code» in diagnostics</p> <p>4.2. Medical nanotechnologies of therapeutical purpose</p> <p>4.2.1. Nano-based vaccines</p> <p>4.2.2. Methods of sellular therapy with usage of nanomaterials</p> <p>4.2.3. Methods of genetic therapy with usage of nanomaterials</p> <p>4.2.4. Polyfunctional nanomaterials for diagnostics and therapy of oncological deseases</p> <p>4.3. Medical nanotechnologies of surgical purpose</p> <p>4.3.1. Medicated nanorobots</p> <p>4.3.2. Usage of lasers in micro- (nano) surgery</p> <p>4.3.3. Blood substitutes based on nanomaterials</p> <p>4.3.4. Nanomaterials for control bleeding</p> <p>4.4. Tissue engineering and regenerative medicine</p> <p>4.4.1. Based on nanomaterials implants and prosthesis</p> <p>4.4.2. Nanomaterials and nanostructures for growth factors delivery</p> <p>4.4.3. Multifunctional nanomaterials for tissue engineering and drug delivery</p> <p>4.4.4. Based on nanomaterials three-dimensional matrices for cells cultivation</p> <p>4.5. Nanotechnologies in pharmacology and pharmaceutics</p> <p>4.5.1. Technologies of drug (address) delivery</p> <p>4.5.2. Development of drugs based on nanomaterials</p> <p>4.5.3. Usage of based on nanomaterials screening methods for drugs making</p>	<p>5. NANOBIOTECHNOLOGIES</p> <p>5.1. Nanobioelectromechanical mashines</p> <p>5.2. Nanobioelectronics and nanobiophotonics</p> <p>5.3. Nanomaterials made with usage of biotechnologies</p> <p>5.4. Other (please specify _____)</p> <p>6. METROLOGY, STANDARDIZATION, CERTIFICATION</p> <p>6.1. Diagnostic- and research techniques of nanostructures and nanomaterials</p> <p>6.1.1. Probe methods of microscopy and spectral analysis: atomic-powered, scanning, tunneling, magnetic-powered, etc.</p> <p>6.1.2. Scanning electronic microscopy</p> <p>6.1.3. Transmission electronic microscopy (including high-resolution)</p> <p>6.1.4. Luminescence microscopy</p> <p>6.1.5. Diffraction techniques (X-ray, electronic, neutron)</p> <p>6.1.6. X-ray spectrum analysis (XAS, EXAFS and other)</p> <p>6.1.7. Electron spectroscopy</p> <p>6.1.8. Nano-gravity survey (QCN)</p> <p>6.1.9. Magnetic-resonance techniques</p> <p>6.1.10. Local and non-local (Auger, XPS) surface analysis methods</p> <p>6.1.11. Teracycle spectrum analysis</p> <p>6.1.12. Method of mass-spectrography</p> <p>6.1.13. NLO methods, including Raman spectroscopy</p> <p>6.1.14. Femto- and nano-second spectral analysis</p> <p>6.1.15. Amplification-based biological techniques</p> <p>6.2. Nanomaterials certification and control techniques</p> <p>6.2.1. Porosimetry and true surface measurement</p> <p>6.2.2. Optical check (profilometry, fluorescence, ellipsometry, confocal microscopy)</p> <p>6.2.3. Physical property check (resistivity, magnetic measurements)</p> <p>6.2.4. Testing of performance attributes and their stability (please, specify: catalytic, degradation, mechanical, tribological, biological activity, etc.)</p> <p>6.2.5. Analytical approach (including surface analysis)</p> <p>6.2.6. Nano-metrology principle and technique development</p> <p>6.2.7. Nanomaterials safety monitoring and biocompatibility testing</p>
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<p>4.5.4. Development of nano-scale drugs</p> <p>4.5.5. Based on nanomaterials antidotes</p> <p>4.6. Nanotechnologies in toxicology</p> <p>4.7. Other (please specify _____)</p>	<p>6.3. Computer modelling and forecasting of nanomaterial properties</p> <p>6.4. Other (please specify _____)</p>
<p>7. TECHNOLOGIES AND SPECIAL EQUIPMENT FOR PILOT AND INDUSTRIAL PRODUCTION OF NANOMATERIALS AND NANODEVICES</p> <p>7.1. Coating methods of nano-structure and nano-material elements</p> <p>7.1.1. Physical (laser, electron-beam, ion-plasmic) plating of nanometric layers:</p> <ul style="list-style-type: none"> - polycrystalline - epitaxial <p>7.1.2. Technologies, based on synergism of physical coercions</p> <p>7.1.3. Chemical, thermal and electric-arc deposition from the gaseous phase (including CVD, EVD, MoCVD, PVD and analogues)</p> <ul style="list-style-type: none"> - polycrystalline layers - epitaxial layers <p>7.1.4. Langmuir-Blodgett technology</p> <p>7.1.5. Chemical deposition from solutions</p> <p>7.1.6. Electrical precipitation</p> <p>7.1.7. Use of nanomanipulators and probes</p> <p>7.1.8. Plasm-chemical, ionic- and electron-beam surface modifying</p> <p>7.1.9. Methods based on specific interactions of bio-molecules</p> <p>7.2. Controlled methods of nano-structure formation</p> <p>7.2.1. Submicrometer-resolution photo-lithography process</p> <p>7.2.2. Electron-beam lithography</p> <p>7.2.3. X-ray lithography</p> <p>7.2.4. Nano-imprinting and etching</p> <p>7.2.5. Focused ionic cutting</p> <p>7.2.6. Surface planarization, polishing</p> <p>7.2.7. Surface immobilization (chemical attachment) of molecules</p> <p>7.2.8. Localized surface chemical reaction</p>	<p>8. INFRASTRUCTURE</p> <p>8.1. Centres of collective use</p> <p>8.2. Business-Incubators</p> <p>8.3. Nanotechnology network</p> <p>8.4. «Nano-towns»</p> <p>8.5. Education</p> <p>8.6. Other (please specify _____)</p> <p>9. MASS MEDIA</p> <p>10. OTHER (please specify)</p> <hr/> <hr/> <hr/>

<p>7.2.9. Nano-encapsulation</p> <p>7.2.10. Immobilization of micellae and biological nanoobjects</p> <p>7.2.11. Technologies of self-assembling</p> <p>7.2.12. Other methods</p> <p>7.3. Nanomaterial shaping methods</p> <p>7.3.1. Zol-gel technology</p> <p>7.3.2. Mechanical chemistry</p> <p>7.3.3. Cryochemistry</p> <p>7.3.4. Tenplate engineering in fluid media (chemical- and electrolytic precipitation)</p> <p>7.3.5. Electrophoresis</p> <p>7.3.6. Ceramic methods (agglomeration, compression, self-propagating fusion, etc.)</p> <p>7.3.7. Detonation methods</p> <p>7.3.8. Intensive plastic deformations</p> <p>7.3.9. Nanomaterial formation using biological systems and/or methods</p> <p>7.3.10. Spray-pyrolysis</p> <p>7.4. Other (please specify _____)</p>	
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Application fields of exhibited production/technologies

(please mark as appropriate)

<ul style="list-style-type: none"> <input type="checkbox"/> Aviation and space Industry <input type="checkbox"/> Automobile industry <input type="checkbox"/> Nuclear industry <input type="checkbox"/> Safety systems <input type="checkbox"/> Armaments, military equipment <input type="checkbox"/> Investment <input type="checkbox"/> Industry of nanosystems and nanomaterials <input type="checkbox"/> Machine engineering <input type="checkbox"/> Metallurgy and metal working <input type="checkbox"/> Medicine, health care <input type="checkbox"/> Cosmetic industry <input type="checkbox"/> Petrochemistry <input type="checkbox"/> Education <input type="checkbox"/> Instrument engineering <input type="checkbox"/> Agriculture, food <input type="checkbox"/> Construction, utility sector <input type="checkbox"/> Textile industry <input type="checkbox"/> Manufacturing of Consumer Goods <input type="checkbox"/> Sport industry <input type="checkbox"/> Chemical Industry <input type="checkbox"/> Environment protection <input type="checkbox"/> Electronics, photonics <input type="checkbox"/> Telecommunications, information systems <input type="checkbox"/> Fuel and energy industry, energy saving <input type="checkbox"/> Other (please, specify _____) 	
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Brief summary of the company activity and presented exhibits (200 symbols):

Information about participant to be placed in *RusnanotechExpo'2011* exhibition catalogue and Spanish exposition brochure:

1) Information in Spanish:

Company Name to include into catalogue (alphabetic order of companies):

The information about your company will be published in **Alphabetical list of exhibitors** of the Official Exhibition Catalogue according to your submitted information. Company's name must be submitted like in example: **«NANO» R&D, JSC.**

Address: _____

Phone: +34 (____) _____

Fax: +34 (____) _____

http:// _____

e-mail: _____

Company description for catalogue (up to 50 words):

2) Information in English:

Company Name:

Address: _____

Phone: +34 (____) _____

Fax: +34 (____) _____

http:// _____

e-mail: _____

Company description for catalogue (up to 50 words):

Date _____

Signature of the Company head _____

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List of Exhibits, presented by the participants at the exhibition "RusnanotechExpo'2011"

Exhibitor _____
(Name of the company-exhibitor)

#	Name of the exhibit, type, mark	Purpose. Main characteristics. Particularities. (short description)	Form of demonstration (natural samples, models, posters, leaflets)	Photos of most interesting exhibits	New product (YES or NO)	Product exhibited for the first time (YES or NO)	Number of position in application form rubricator, the exhibit corresponds with
1	2	3	4	5	6	7	8

Photos of exhibits if necessary can be applied on the given list separately.

Name, Surname of the responsible person: _____

Contact tel. _____ mob.tel. _____ fax _____

Date _____

Signature of the Company head _____

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