

PROGRAM

NDExpo 2017 — 4th International Forum on High Technology for Sustainable Development

Day One: March 20

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| 8:00-9:00 | Exhibitors registration | |
| 9:00-9:30 | Participants and visitors registration | |
| 9:30-10:00 | Coffee break | |
| 10:30-10:45 | NDExpo 2017 forum and exhibition opening ceremony | |
| 10:45-11:00 | Excursion around the NDExpo 2017 forum for participants of the plenary session Exhibition participants include Public Corporation Rosatom along with state and private partner companies and clients. Other participants also to take part in the forum include independent experts, entrepreneurs engaged in STI strategy, state officials, technopark resident companies, innovators interested in business development, and the media. | |
| 11:00-12:45 | Plenary session: Key Challenges-2035. How can Russia Become a Global Technology Leader? Who can Drive this Leadership? <ul style="list-style-type: none"> • Key challenges-2035: trends and developments • New markets and technologies to appear by 2035 • Which technologies, products, and services could help Russia gain a more stable position on the world market? • Contribution of Public Corporation Rosatom and other state-owned companies in the development of the sectors of the new technological order • What should be done as a matter of priority today in order to achieve competitiveness tomorrow? Moderator: Evgeny Borisovich Kuznetsov, Deputy General Director - Program Director of JSC "RVC", Member of the Board Speakers: Agency for Strategic Initiatives (D.N. Peskov), Russian Venture Company (A.B. Povalko), Rosatom (K.B. Komarov), representative of the Ministry of Industry and Trade of Russia, representative of Sberbank RF, representative of Lomonosov Moscow State University | |
| 12:45-12:55 | Signing of agreements on cooperation between Rosatom and its partners (with media coverage) | |
| 12:55-13:00 | Press scrum (K.B. Komarov, D.N. Peskov, A.B. Povalko) | |
| 13:00-14:00 | Lunch for forum participants | |
| 14:00-17:00 | Panel discussion with participation of representatives of EnergyNet NTI –discussion of a road map The focus of the panel discussion as follows: <ul style="list-style-type: none"> • Smartcity 3.0: How the development of this concept will influence the energy consumers, businesses and society as a whole • The role of government in implementing the goals and objectives of EnergyNet • Why do the leading European energy companies change the core business? What will be the main threat to the international energy business in 10 and 20 years? • How Rosatom responds to the challenges of the energy business. Promising business models in the target energy markets. • Can the IT-companies be considered as future leaders of the energy market? Moderator: to be determined Invited organizations: Boris Ryabov, Head of EnergyNet (moderator of the discussion) Aleksey Tekslar, Ministry of Energy E.ON and RWE representative (to be determined) Emin Askerov, "OTEK" (a subsidiary of the State Corporation "Rosatom", implementing projects in the wind energy) | Panel discussion on the Prospects for Arctic and Continental Shelf Development with participation from RG Marinet NTI <ul style="list-style-type: none"> • Key energy sector development trends in the exploration of the Arctic and continental shelf • Technologies that can replace the existing power sources in remote areas • The products of interest to the oil and gas sector, including foreign markets • Rosatom contribution to the development of alternative energy • Immediate steps to enter the Arctic market, the formation of business cooperation Moderator: A.A. Zubkov, project leader at Rosatom Invited organizations: Kostyuchenko S.L., PJSC "RosGeo" Panichkin I.V., Ministry of Energy of Russia Ryzhkov A.V., JSC "Iceberg" Kuznetsov V.P., Research Center "Kurchatov Institute" |
| Coffee break 15:45-16:00 | | |

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| | <p>PJSC "MegaFon" representative (to be determined) Roman Berdnikov, PJSC Rosseti Natalia Nevmerzhitskaya, NP GP Oleg Pertsovsky, Skolkovo</p> | <p>Ustinov, FGUP "Krylov Institute" Representative of the Russian Industry and Trade Ministry (to be determined) Representative of the working group Marinet (to be determined) Representative of VNIIEF, OKBM, ASE Group of Companies</p> |
| 15:00-18:00 | <p>Round table: Nuclear Medicine Today and in the Future: Health Care Solutions (with the participation of RG Healthnet NTI)</p> <ul style="list-style-type: none"> The topics for discussion include: International nuclear-medicine trends. Position of nuclear-medicine in Russia. Prospective areas and innovative technologies. Nuclear-medicine equipment manufactured by the State Corporation "Rosatom". Package proposal for creation of nuclear medicine centers in Russia and abroad. State Corporation "Rosatom" possibilities for the production isotopic products for medicine Factors slowing down advancement in the sector: stereotypes, lack of specialist training system, a weak regulatory framework <p>Moderator: Yu.B. Kurashvili, professor of MEFh National Research Nuclear University Invited organizations: Sukhov V.Y., the Nikiforov Russian Center of Emergency and Radiation Medicine» of the Ministry of Emergency of Russia. Savinov V.M., LLC "OIC" Vakulenko A.O., OJSC "Interregional association "Isotope" Stanzhevsky A.A., FGBU "Russian Scientific Center of Radiology and Surgical Technologies" of the Ministry of Health of Russia Khmelevsky E.V. Ministry of Health of Russia for radiation therapy Kanaev S.V., Petrov Research Institute Morozov, S.P., Moscow Health Department for radiation diagnosis Saakyan S.V., Oncology ophthalmology Research Institute named after Helmholtz Karyakin O.B., Medical Radiological Research Center / branch of the National Medical Research Radiological Center named after Tsyba Krylov V.V., RNT department Medical Radiological Research Center / branch of the National Medical Research Radiological Center named after Tsyba Rumyantsev P.O., Endocrinology Research Institute. Belyaev V.N., MEFh National Research Nuclear University Chernyaev A.P., Lomonosov Moscow State University Epshtein N.B., MEFh National Research Nuclear University</p> | <p>Engineering contest: Tower Generator The task is to design and build a plant that can transform the energy of a falling body into electricity. The winner of the contest will be the team that earns the most profit from their installation. Moderator: Representative of Rosatom Corporate Academy</p> |
| 18:00-20:00 | Evening buffet. Jazz concert | |
| Day Two: March 21 | | |
| 8:30-9:30 | Participants and visitors registration | |
| 9:30-10:00 | Coffee break | |
| 10:00-13:00 | <p>Panel discussion with participation of RG TechNet NTI – discussion of the approved TechNet road map</p> <ul style="list-style-type: none"> Priority projects, proposals for updating working schedule. Industry 4.0: idea and realization. | <p>Round table: Safe city (with participation of RG Safenet NTI) Topics include safecity, the management platforms and networks security, security devices and application</p> |
| | | <p>Game on intellectual property management The goal is to provide a competitive breakthrough for Russian companies via</p> |

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| | <ul style="list-style-type: none"> • Russian "Factories of the Future" (UAZ, NPO Saturn, etc.): similarities and differences from foreign cases. • The status of work on the creation of metal additive machines for different purposes. • Multi-D technologies and tools for digital design and simulation. • Creation of an overall "digital enterprise" lifecycle. • The role of the Internet in industrial production systems of the future <p>Moderator: to be determined</p> <p>Invited organizations: Vasily Osmakov, Ministry of Industry and Trade Aleksey Borovkov, Peter the Great Saint-Petersburg Polytechnic University Vladimir Knyagin, Center for Strategic Research Dmitry Ivanov, NPO Saturn Vladimir Schukin, PJSC "Rostelecom" Alexey Dub, JSC "Science and Innovation" Vladimir Beregovsky, JSC "NPO" TSNIITMASH " Pavel Bruk, ASE Group of Companies Vyacheslav Alenkov, ASE Group of Companies The representative of the Society of Fraunhofer (to be confirmed) The representative of Altair Engineering, Inc. (To be confirmed)</p> | <p>systems, in particular:</p> <ul style="list-style-type: none"> • Means of rapid response to threats to public safety and technological accidents • Provide means of communication that are resistant to high load conditions, places of mass gathering of citizens • Using systems of operational observation and infrastructure management, resistant to external influences (cyber threats) • Operational control of the movement of transport of individuals in restricted areas (CWE) • Security systems for life "comfort" (housing and communal services, transport, means of providing targeted incentives, etc.) <p>Invited organizations: Kaspersky Laboratory, RCoC, Novacard, SVD Built-in Systems Company, Sarov System TRC, Aileron, etc.</p> <p>Moderator: to be determined</p> | <p>intellectual-property management.</p> <p>Moderator: N.V. Belenkaya, project leader, Rosatom and Rosatom Corporate Academy</p> |
| 13:00-14:00 | Lunch | | |
| 14:00-17:00 Coffee break 15:45-16:00 | <p>Competition on Innovative Technologies and Equipment for young scientists and students</p> <p>Moderator: A.A. Zubkov, Project Manager for Development and International Business at Rosatom</p> <p>Participants: National Research Nuclear University MEPhI, Tomsk Polytechnic University, Far Eastern Federal University, and others</p> | | <p>Game on intellectual property management <i>(continuation)</i></p> |
| 16:00-19:00 | <p>Round table on Life care: Innovative technologies for products processing (agricultural production and food products, medical devices, substances for the production of pharmaceutical preparations, materials and polymers.)</p> <p>Topics for panel discussion:</p> <ul style="list-style-type: none"> • Socio-economic effects of the introduction of innovative technologies for products processing • The current state and prospects of development of foreign ionizing radiation treatment market. Processing of medical products • Joint project with Hindustan Agro Co-op. Ltd for the construction of a multifunctional processing center network in India • Advantages of processing agricultural and food products with ionizing radiation. Security and Infrastructure • Prospects for polymer modifications. Increased durability of pipeline systems • Development of the market and the experience of the introduction of innovative processing technologies in Latin America • Life care: innovative technologies for products processing. Complex offer of SC "Rosatom" | | |