

NUCLEAR POWER INDUSTRY WORLDWIDE: ONE YEAR AFTER FUKUSHIMA
Moscow • Gostiny Dvor • 4 - 6 June 2012

CONGRESS PROGRAM

JUNE 4, Monday – Round table sessions, Special WANO event
JUNE 5, Tuesday - Plenary Session, Round table sessions, Symposium
JUNE 6, Wednesday – Round table sessions, Youth Session

PLENARY SESSION PROGRAM
5 JUNE 2012

Topic: Nuclear Power Industry Worldwide: One Year after Fukushima

10:30 – 12:30	PLENARY SESSION <i>Russia 24 Broadcasting Channel (live)</i>	Conference hall №1
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Moderator of the Panel Discussion: Sergey Brilev, Presenter, Russia TV Channel

Participants:

- Leonid Bolshov, Director, IBRAE RAN;
- Takuya Hattori, President, Japan Atomic Industry Forum;
- Lawrie Haynes, President – Nuclear, Rolls-Royce;
- Metin Kilci, Undersecretary, Ministry of Energy and Natural Resources of Turkey;
- Ruben Lazo, Chief Commercial Officer, AREVA;
- Alexander Lokshin, First Deputy Director General, ROSATOM;
- Alexander Ozerets, Minister of Energy, Belarus;
- Dipuo Peters, Minister of Energy, Republic of South Africa;
- Matti Ruotsala, Executive Vice-President, Fortum;
- Ian Telfer, Non-Executive Independent Chairman of the Board, Uranium One.

ROUND TABLE SESSIONS PROGRAM

4 JUNE 2012

10:00 – 18:00	Special WANO event: «Nuclear Power Industry after Fukushima - Operator's Perspective»	Conference hall №1
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More information on this topic at the exhibition: IBRAE RAN, NAK Kazatomprom, EDF

Moderator: Vladimir Asmolov, President of WANO, First Deputy Director General, Rosenergoatom.

- Vladimir Asmolov, President of WANO, First Deputy Director General, Rosenergoatom. *Introductory Remarks;*
- Takuya Hattori, President of the Japan Atomic Industry Forum. *Lessons Learned from Fukushima Accident;*
- Shinichi Kawamura, Plant Manager, Fukushima Daini Nuclear Power Plant. *Lessons Learned from Fukushima Daini NPP and the Status of Fukushima Daiichi NPP;*
- Laurent Stricker, Chairman, WANO. *WANO Activities in the post-Fukushima Period;*
- Arvo Vuorenmaa, Governing Board Chairman of WANO-MC, Fortum. *Implementation of the WANO Programs at the NPP of WANO Moscow Center;*
- Jacque Regaldo, Deputy Director of Generation and Engineering Division, EDF. *WANO Corporate Peer Review Program. Significance and Results of Rosenergoatom Concern Peer Review;*
- David Farr, Director of Atlanta Center, WANO. *Development of Activities of INPO and WANO Atlanta Center after the Fukushima Accident;*
- Alexander Shutikov, Director for Generation and NPP Operation, Rosenergoatom. *Main Results of Operation of Rosenergoatom NPP in the post-Fukushima Period. WANO Regional Emergency Response Center on the Base of the Rosenergoatom Crisis Center;*
- Vladimir Povarov, Novovoronezh NPP Director. *Additional Safety Assessment, Specifics of Operation of the First-generation Nuclear Reactors;*
- Danko Biley, General Inspector, Energoatom NAEC. *Main Results of Operation of Energoatom NAEC NPP in the post-Fukushima Period;*
- Alain Keramsi, Deputy Director of Engineering Department, EDF; Noel Camarcat, Special Advisor for Nuclear R&D and International Affairs, EDF Generation. *Main Results of Operation of French NPP in the post-Fukushima Period;*
- Peter Touminen, Senior Manager, Public Affairs, Fortum. *35 Years of Safe and Reliable Operation of Loviisa NPP;*
- Zhang Xun, Deputy Director for Operation, Tianwan NPP. *General Information about Tianwan NPP and Corrective Action Taken by Tianwan NPP after the Fukushima Accident;*
- Rolf Janke, Director for Nuclear Strategy and Technical Development, AREVA. *Main Results of AREVA Operations in the post-Fukushima Period. Additional Safety Assessments;*
- Yukka Laaksonen, Vice-President, Rusatom Overseas. *Work of Operators in the Eyes of Regulator.*

10:00 – 13:30	Round table Session on Renewable Energy Sources	Conference hall №2
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More information on this topic at the exhibition: Atomenergomash, NAC Kazatomprom

Moderator: Igor Bryzgunov, President of RAVI, General Director, VetroOGK, ROSATOM; Bulat Nureev, Director for Strategy and Investment, Atomenergomash.

Plenary Session:

- Valentin Mezhevich, First Deputy Chairman of the Economy Policy Committee of the Council of the Russian Federation. *Role of the State in Supporting Development of Renewable Energy Sources and Importance of the Renewable Energy Sources for the Russian Economy;*
- Igor Bryzgunov, President of RAVI, General Director, VetroOGK, ROSATOM. *Overview of the Russian Wind Energy Sector;*

- Anatoliy Kopylov, AF-Mercados EMI. *Russian Regulatory Basis in Support of Renewable Energy Sources*;
- Anton Usachev, Director, Russian Solar Energy Association. *Global Market of Solar Energy – New Objectives and Place of Russia*.

Unit 1. Strategies of Generating Companies on the RES Markets.

- Hans Joachim Kopp, Partner, Roland Berger Strategy Consulting. *Overview of the Experience of European Generating Companies on the Alternative Energy Markets*;
- Risto Penttinen, Vice President, Fortum. *Fortum Strategy on the RES Market*;
- Vasily Zubakin, Deputy Head of the Energy Department, Lukoil. *Approaches of Lukoil to Development of RES Markets*.

Unit 2. Technology Strategies of Vendor Companies in the Area of RES.

- Andrey Lavrinenko, Vice President of Global Distribution, Alstom Power. *Clean Energy: Wind and Tidal Generation in the Most Recent Projects of Alstom*;
- Michael Akim, Director of Strategic Development, ABB Russia. *ABB Strategy in RES (smartgrid)*;
- Igor Akhmerov, General Director, AVELAR Energy. *Technology and Finance Approaches of Renova Group to Implementation of Solar Energy Projects*;
- Ivan Borisov, Development & Restructurisation Director, ROSATOM. *Innovative Infrastructures Related to RES*.

Unit 3. Investment Approaches in the RES Sector.

- Alexey Zhikharev, Manager for Relations with Investors and Governmental Agencies, International Financial Corporation. *IFC Strategy for Development of Renewable Energy Sources in Russia*.

10:00 – 13:30	Round table: «Integrated Approach to Nuclear Industry Development: Benefits and Implications»	Conference hall №3
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More information on this topic at the exhibition: State Atomic Energy Corporation ROSATOM

Moderator: Djurica Tankosic, Senior Vice President, Worley Parsons.

Invited Speakers:

- Kirill Komarov, Deputy Director General - Director of the Development and International Business Unit, ROSATOM. *Introductory Remarks*;
- Aleksey Kalinin, Director of International Business Department, ROSATOM. *Integrated Solution to Nuclear Industry Development*;
- Metin Kilci, Undersecretary, Ministry of Energy and Natural Resources of Turkey. *Approaches to Development of HR as a Component of an Integrated Nuclear Energy Program*;
- Martin Pecina, General Director, Vítkovice Machinery Group. *Localization as One of the Key Requirements of the Modern Nuclear Power Industry Market*;
- Benoit Lepouze, Department of Strategic Development, EdF. *Public Recognition as a Crucial Factor of NPP Acceptance. France Experience*.

Participants of the Panel Discussions:

- Aleksey Utenkov, Head of the Division of Infrastructure Development of Supervision, Department of International Cooperation and Protocol, Federal Service for Environmental, Technological, and Nuclear Supervision of Russia;
- Yukka Laaksonen, Vice-President, Rusatom Overseas;
- Andrey Antonovsky, Director of the Infrastructure Funding Department , VTB Capital;
- Katharina Kolmayer, Managing Director, VTB Capital;
- Anton Poryadin, Vice-President, A.T. Kearney;
- Ayanda Myoli, CEO of the Nuclear Industry Association of South Africa (NIASA);
- Alexey Khokhlov, Principal Booz and Co;
- Peka Vilikainen, Adviser to the President, Skolkovo Fund.

10:30 – 18:00	Round table: «International Cooperation in Personnel Education and Training for Nuclear Industry: Aspects of Professional Development and University Education»	Conference hall №4
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More information on this topic at the exhibition: CICE&T, NAC Kazatomprom, AtomEnergRemont OJSC, OECD NEA

Moderator: Vladimir Artisyuk, Vice-Rector, Central Institute for Continuing Education and Training (CICE&T).

Session 1. Creation of Personnel Training System to Insure Safe Operation of Nuclear Power Plants in the Embarking Countries.

- Jumberti Tkebuchava, Deputy General Director, Managing Director for HR, Social and Administrative Issues, Rosenergoatom. *Role of Human Factor in Ensuring Safe Operation of NPP;*
- Larisa Strutsкая, Director of the HR Directorate, Rusatom Overseas. *Russian Integrated HR – Product for the Countries Initiating Development of their Nuclear Power Industry;*
- Yuriy Seleznev, Rector of Central Institute for Continuing Education and Training (CICE&T). *Russian Concept of the Operating Personnel Training System for Russian Design NPP Constructed Abroad;*
- Vladimir Artisyuk, Vice-Rector of Central Institute for Continuing Education and Training (CICE&T). *Theoretical Education of Operating Personnel for Foreign NPP;*
- Sergey Vybornov, Deputy Director of WANO Moscow Center. *Problems of Personal Training Identified during the Realization of WANO Programs;*
- Alexander Trufanov, Deputy Chief Engineer of the Training Center, Atomtekhenergo. *Practical Training of Operating Personnel for NPP;*
- Alexander Kroshilin, Alexander Zhukavin, Head of VNIIAES Center. *Use of Simulators in the Operator Training for NPP;*
- Andrey Yuzhakov, Director of VNIIAES Center. *Specifics of Training and Selection of Management for the NPP under Construction;*
- Martin Kropik, Associate Professor, Czech Technical University, European Nuclear Education Network (ENEN). *European Challenges in Nuclear Education and Training for the Industry and Regulatory Needs;*

- Takashi Mizuno, General manager, JINED. *Human Resource Development for Ninh Thuan NPP, Vietnam;*
- Masaki Saito, Professor of Engineering, Tokyo Institute of Technology. *International Program of Human Resource Development for Controlling Nuclear Safety and Physical Security;*
- Le Dinh Tien, Deputy Minister of Science and Technology, Vietnam. *Development of Personnel for the Nuclear Power Industry Program of Vietnam;*
- Yanko Yanev, Advisor to the Deputy Director General - Director of Nuclear Power Industry Department, IAEA. *Global Approaches to Personnel Training for Safe Development of Nuclear Power Industry.*

Session 2. International Collaboration in Nuclear Education.

- Dmitry Bulavinov, HR Director, ROSATOM. *Opening of the Discussion: Rosatom State Corporation View on the Problem of Internationalization of the Nuclear Education;*
- Aleksey Kalinin, Director of International Business Department, ROSATOM. *The Requirements of Global Expansion to the System of Nuclear Education;*
- Eduard Kryuchkov, Pro-rector of MEPI. *Development and Implementation of the Strategy of Enhancement of International Cooperation in the Area of Nuclear Education;*
- Igor Shamanin, Head of the Directorate of the Program “Science and Education Center of Rosatom at Tomsk Polytechnic University”. *Master Degree Program in “Nuclear Physics and Technology” in the Science and Education Center of Rosatom at Tomsk Polytechnic University;*
- Vladimir Kononenko, First Deputy of Chairman of technological platform, Institute for Safe Development of Nuclear Power Industry (IBRAE RAS). *Creation of Science and Education Centers in Baltic and Far East Federal Universities: Potential for International Collaboration;*
- Khuseyn Chechenov, Director General Advisor of Akkuyu NPP. *Education Component of BOO: Turkish Case;*
- Carter Johnson, Country Director, Russian Office of the American Councils for International Education. *Instruments for Internationalization of Education: Project Experience;*
- Aaron Mishelin, CEO, Enersense International Oy. *NPP Personnel Training;*
- Petre Ghitescu, University Politehnica Bucharest, ENEN. *European Nuclear Education Network: International Projects of Development of Common Ground for Cooperation in Nuclear Education, Training and Knowledge Management;*
- Sergey Drobot, Belarus State University of Informatics and Radioelectronics. *Cooperation with Rosatom Enterprises in Developing University Nuclear Programs in the Republic of Belarus;*
- Olga Batyukhnova, Leading Specialist, Radon Research and Production Association. *International Experience of Radon in the Area of Nuclear Education;*
- Alexander Fertman, Scientific Director of the Nuclear Technology Cluster, Skolkovo Foundation. *International Cooperation in Training and Education of Scientists;*
- Anton Korolev, deputy head of the department, MEPI. *International Cooperation in the Implementation of Educational Programs of Systems Engineering.*

13:00-14:00 – Forum Opening Ceremony

(Site in front of ROSATOM Booth)

14:30 – 18:00	Round table: « Topical Issues of Implementation of the Federal Law on Radioactive Waste Management »	Conference hall №2
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More information on this topic at the exhibition: Ronik – NMT Ltd, RosRAO FSUE, OECD NEA

Moderator: Tatiana Elfimova, State Secretary - Deputy Director General, Public Authority Execution and Budgeting, ROSATOM.

- Tatiana Elfimova, Deputy Director General, Public Authority Execution and Budgeting, States Secretary, ROSATOM. *Issues of Organization of Activities and Operation of the National Operator for Radioactive Waste Management (NO RAO) FSUE* (Chair of the Round Table);
- Alexander Torshin, First Deputy Chairman of the Federation Council of the RF Federal Assembly (Cochair of the Round Table);
- Vladimir Potsyapun, Chairman of the Sub-committee for Legal Support of Nuclear Power Industry in the RF State Duma Energy Committee (Cochair of the Round Table);
- Yuriy Polyakov, Director, NO RAO FSUE. *Financial and legal aspects of the activities of NO RAO FSUE*;
- Maxim Koltishev, Deputy Director, Legal and Corporate Activities Department, ROSATOM. *Judicial Practice on the Issues Related to Implementation of the Federal Law “On Radioactive Waste Management”*;
- Lidiya Kuryndina, RF Ministry of Natural Resources. *Criteria for Assignment to RW*;
- Olga Supatayeva, Head of Department, Institute of State and Law. *Legal and Technical Aspects of Development of the Russian Law in the Area of RW Management*;
- Gerald Ouzounian, Foreign Relations Director, French National Agency for Radioactive Waste Management (ANDRA);
- Yakub Handrlica, Assistant Professor of the Department of Law, Charles University of Prague. *Legal Basis for Radioactive Waste Management in EU*;
- Vladislav Tikhonovsky, Director of Department of Information Technologies of energy complex, Neolant JSC;
- Representative of the Expert Consultative Council for Legal Support of Safe Development of Nuclear Power Industry at the Russian Federation Council;
- Representative of the Nuclear Decommissioning Authority, Great Britain (NDA);
- Representative of the Expert Council for Legal Support of Nuclear Power Industry at the Energy Committee of the RF State Duma;
- Representative of Rostekhnadzor;
- Representative of Russian Academy of Science;
- Representative of RF Ministry of Health and Social Development.

14:30 – 18:00	Round table Session on Radiation Technologies	Conference hall №3
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Moderators: Denis Kovalevich, Executive Director of the Nuclear Technology Cluster, Skolkovo Foundation; Mikhail Batkov, Head, Office for Radiation Technologies Program, ROSATOM.

More information on this topic at the exhibition: Skolkovo Foundation, Ronik – NMT Ltd, OECD NEA, «STC Amplituda» LLC

Part 1. Nuclear Technology Cluster of Skolkovo Foundation: Development of Radiation Technology Industry for Improvement of Life Quality: in which Areas of Application Technological Breakthroughs are Possible?

- Werner Burkart, Scientific Director, Technological Platform “Radiation Technologies”, Former Deputy Director of the International Atomic Energy Agency and Head of the Department of Nuclear Science and Applications at the International Atomic Energy Agency (Austria). *Nuclear Technologies as a Central Pillar of Global Development*;
- Alexander Fertman, Scientific Director of the Nuclear Technology Cluster, Skolkovo Foundation. *Future Development of Radiation Technologies: Changing Nature of Industries and Quality of Life*;
- Alexander Molin, Scientific Consultant to the Radiation Technology Program, ROSATOM. *The Development of Regulations and Promotion of Radiation Technology Applications in the Food Industry*;
- Yuriy Olshansky, Director, RATEK Science and Technology Center. *Today's requirements for safety, determining the trend of technological development: the speed and efficiency of inspections*;
- Evgeniy Levichev, Deputy Director for Science, Budker Institute of Nuclear Physics. *Development of Industrial Applications of Radiation Technologies on the Basis of Budker Institute Electronic Beam Machines*;
- Andrey Seryi, Director, J. Adams Accelerator Physics Institute. *Technological Breakthrough in Designing Accelerator Equipment: “Compaction” of Large-scale Science for Applied Purposes*;
- Oliver Heid, Senior Vice President Corporate Technology, Siemens AG. *Quo Vadis Nuclear Medicine - Threats and Opportunities from a Manufacturer's Perspective*.

More information on this topic at the exhibition: State Atomic Energy Corporation ROSATOM, United Corporation for Innovations LLC, Ronik – NMT Ltd, OECD NEA

Part 2. Project Office Radiation Technologies, ROSATOM.

- Mikhail Batkov, Head, Office for Radiation Technologies Program, ROSATOM. *Introductory Remarks*;
- Valentin Korsunsky, Chairman, Russian Nuclear Medicine Society, Head of the Laboratory of pre-clinical and clinical research of the Radiopharmaceuticals, A.I. Burnazyan Federal Medicine and Biology Center. *Nuclear Medicine Market in Russia: the interaction of producers and consumers. Collaborate with Rosatom and plans for further development*;
- Alexander Frolov, Deputy Director General, Head of the Nuclear Medicine Department, Joint Innovation Corporation. *Investment Projects in the Area of Medical Nuclides and Radiopharmaceuticals*;
- Mikhail Lavrentyev, Acting Director General, Isotope. *Status of the Presidential Project “Establishing Mo-99 Isotope Production Based at NIIAR Federal Research Center, Dimitrovgrad”*;
- Dmiry Dubinkin, Head of Research Department, Federal Center for Design and Development of Nuclear Medicine Facilities. *Regulatory Issues Related to Establishing PET Centers and Radiopharmaceutical Manufacturing Facilities*;
- Somasundaram Subramanian, Oncologist Surgeon, Director of Eurasian Oncology Program. *Current Importance of Nuclear Medicine Issues as Illustrated by the Results of the Forum Dedicated to 100 Years Jubilee of N. N. Blokhin (May 3-6, 2012)*.

10:30 – 12:30	PLENARY SESSION <i>Russia 24 Broadcasting Channel (live)</i>	Conference hall №1
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10:00 – 18:00	<u>Symposium</u> : « Topical Issues of International Nuclear Law: Nuclear Safety »	Conference hall №3
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More information on this topic at the exhibition: RosRAO FSUE, OECD NEA

Moderator: Mikhail Lysenko, Director of the International Relations Department, ROSATOM.

Plenary Session:

- Mikhail Lysenko, Director of the International Relations Department, ROSATOM. *Progress of Implementation of the Initiatives of the Russian Federation in the Area of Nuclear Safety;*
- Vladimir Kuchinov, Director General Advisor, ROSATOM. *2012 Summit on Nuclear Physical Security in Seoul. Results and Future Actions;*
- Alexander Agapov, Director, the Institute of Global Safety, MEPI. *Principle of Classification of Nuclear Power Facilities for Management and Regulatory Purposes in Order to Ensure Global Nuclear Safety;*
- Alexey Ferapontov, Deputy Head, the Federal Service for Environmental, Technical and Nuclear Safety Regulation (Rostekhnadzor). *Main Trends in Improvement of the System of State Nuclear Regulation.*

Session 1. International Regime of Civil Liability for Nuclear Damage.

Moderator: Sergey Arsenyev, First Deputy of the General Director, Nuclear Insurance Broker Company.

- Danny Van Welkenhuyzen, Head of the European Mutual Insurance Societies EMANI, ELINI, NIRA. *Alternative Solutions on the Market of Third Party Liability Insurance of Nuclear Operators; Birth of the Mutual Insurance;*
- Ximena Vasquez-Maignan, Senior Legal Advisor, OECD Nuclear Energy Agency. *Issues of Civil Liability in the Light of the Fukushima Accident;*
- Andrey Popov, Director for Legal and Corporate Activities and Property Complex of ROSATOM. *Legal Regulation of Civil Liability for Nuclear Damage;*
- Vladimir Demin, Head of Laboratory, Kurchatov Institute. *Issues of Insurance of Civil Liability for Nuclear Damage for Low Power Nuclear Power Plants;*
- Sergey Arsenyev, First Deputy of the General Director, Nuclear Insurance Broker Company. *Nuclear Risks, Nuclear Insurance and Nuclear Damage Liability.*

Session 2. Enhancement of the Legal Bases of Nuclear and Radiation Safety.

Moderator: Alexander Agapov, Director of the Institute of Global Safety, MEPhI.

- Gennadiy Novikov, Deputy Director General for Science, Rosatom Emergency Technical Center. *IAEA Recommendations and Development of the Nuclear Law Concept in Russia;*

- Mikhail Balonov, Head of the Protection Laboratory, P.V. Ramzaev Saint-Petersburg Research Institute of Radiation Hygiene. *New Approaches to Basic IAEA Radiation Safety Standards*;
- Christelle Drillat, law Officer, Office of Legal Affairs, IAEA. *International Legal Regulations on Nuclear and Radiation Safety: Issues and Developments*;
- Alexander Khamaza, Director, Federal Budgetary Enterprise “Science and Technology Center for Nuclear and Radiation Safety”. *Improvement of the Law in the Area of Nuclear Safety Regulation*;
- Vladimir Kuzenkov, Head of the Physical Security Systems, Research Center of the Global Nuclear Safety Institute of the Nuclear Research University “Moscow Institute of Physics and Engineering” (NRU MEPI). *Development of Requirements to Physical Security in Nuclear Industry*;
- Olga Supatayeva, Head of Department, Institute of State and Law. *Development of the International Legal Basis for Ensuring Nuclear Safety and Priority Tasks of Improving the Russian Nuclear Legislation*.

Session 3. Legal issues of Nuclear Fuel Cycle and Nuclear Non-proliferation.

Moderator: Vladimir Kuchinov, Advisor to Director General, ROSATOM.

- Yakub Handrlica, Assistant Professor of the Department of Law, Charles University of Prague. *Legal Basis for Radioactive Waste Handling in EU*;
- Timur Aitkulov, Partner, Clifford Chance CIS Limited. *Protection of Investments in Nuclear Power Industry. International Arbitration*;
- Konstantin Khoroshkov, Deputy Director on Corporate Clients’ Insurance, SOGAZ OJSC. *Insurance of Construction and Installation Risks during NPP Construction*;
- Mikhail Botvinov, Student of International Law Program of the International Center of M.V. Lomonosov Moscow State University, Graduate of the International Law School in Montpellier, France. *Nuclear Material Trade and Non-proliferation Issues*;
- Pavel Poluektov, Bochvar Research Institute of Inorganic Materials (VNIINM). *Issues of Nuclear Fuel Cycle for Low-power Sector of Nuclear Power Industry in Relation to Non-proliferation Issues*;
- Andrey Rachkov, Director, Moscow office of VNIIEF Nuclear Center. *Modern Problems of Nuclear Non-proliferation Regime*;
- Summing-up; Approval of Communiqué.

14:30 – 18:00	Round table: «Nuclear Industry Development Strategy: across the Value Chain»	Conference hall №1
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More information on this topic at the exhibition: State Atomic Energy Corporation ROSATOM, AREVA, World Nuclear Association, Uranium One Inc., CEA, NAK Kazatomprom, Science and Innovations, KSB, OECD NEA

Moderator: Vitaly Klintsov, Senior Partner of McKinsey and Company.

- Occo Roelofsen, partner, McKinsey and Company. *Nuclear’s place in the global energy picture*;
- Christophe Behar, Director of the Nuclear Energy Division at the French Atomic Energy Commission (CEA). *Nuclear Energy in France after Fukushima - the Past and the Future*;

- Benjamin Fremaux, Senior Executive Vice President, Strategy, Mergers and Acquisitions, Secretary to the Executive Board, AREVA. *AREVA Group Development Strategy in post-Fukushima Environment*;
- Igor Karavaev, Chief Strategy and Investment Officer, ROSATOM. *Strategy of State Atomic Energy Corporation Rosatom till 2030*;
- Paul Harris, Executive Vice-President, Rolls-Royce Nuclear. *Reflections on Back of Fuel Cycle Options for the Future*;
- Greg Kaser, Project Manager, World Nuclear Association. *Internalization of the Nuclear Industry Components Supply Chain: Achievements and Challenges*;
- Hans Joachim Kopp, Partner of Roland Berger Strategy Consulting, Former Vice-President for Strategy and Development, E.ON. *Implications of Fukushima for Industry of Construction of New NPP Worldwide*;
- Alexander Boytsov, Executive Vice President for Exploration, Uranium One. *Sustainable Development of Uranium Industry Worldwide - Challenge of Time*.

14:30 – 18:00	Round table: «International Cooperation in the Area of Nuclear Back End Technologies and the Nuclear Legacy Issues»	Conference hall №2
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More information on this topic at the exhibition: IBRAE RAS, Chemical and Mining Complex FSUE , NO RAO FSUE, RosRAO FSUE, FNK, Science and Innovations, OECD NEA

Moderator: Oleg Kryukov, Director of Directorate for Nuclear and Radiation Safety, ROSATOM.

- Oleg Kryukov, Director of Directorate for Nuclear and Radiation Safety, ROSATOM. *Transition to Long Term Strategy of Solution of the Nuclear Legacy Issues in Russia*;
- Alexander Abramov, Head of Office for Nuclear Waste Management System Development, ROSATOM. *National Russian Strategy in the field of radioactive waste*;
- Gerald Ouzounian, Director for International Cooperation, French National Agency for RW Management (ANDRA). *French Experience in Resolving the Issues RW and SNF Management. Justification and Assessment of Safety of the Back End of the Life Cycle*;
- Mikhail Baryshnikov, Head of Office for Spent Nuclear Fuel Management System Development, ROSATOM. *The Vision and Long-term Program of Spent Nuclear Fuel Management*;
- A. Grigoriev, Deputy Director of Nuclear and Radiation Safety Programmes Office, ROSATOM. *International Programs on the Liquidation of Nuclear Legacy*;
- Fausto Santopadre, director of Moscow office, S.O.G.I.N. *Russian-Italian cooperation in order of the Liquidation of nuclear legacy in Russia*;
- Andreas Weichard, Managing Director for Russia and Eastern Europe, NUKEM Technologies GmbH. *Experience of NUKEM Technologies in creating complexes for RW on Russian NPP*;
- Zlatan Delalich, project manager, SSM. *Expirience on Decommission of Nuclear and Radiation Hazardous Facilities on North-West of Russia*;
- Igor Linge, Deputy Director, Institute for Safe Development of Nuclear Power Industry of the Russian Academy of Science (IBRAE RAS). *Role of RW Classification and Assignment Criteria in the Effectiveness of Functioning of the Unified State System of RW Management*.

14:30 – 18:00	Round table: «Northern Sea Route: New Opportunities»	Conference hall №4
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More information on this topic at the exhibition: Ice-breaker cockpit at the stand of State Atomic Energy Corporation ROSATOM, United Shipbuilding Corporation

Moderator: Vyacheslav Ruksha, General Director, FSUE Atomflot.

- Vyacheslav Ruksha, General Director, FSUE Atomflot. *Development of the Northern Sea Route for International Commercial Maritime Traffic;*
- Roman Trotsenko, President, United Ship-building Corporation;
- Alexey Kuvandykov, Director of Liquid Hydrocarbons Sales and Marketing Department, NOVOTEK JSC;
- Igor Nechaev, Logistics Director, EUROCHEM;
- Eugeniy Ambrosov, First Depute of Director General, Sovkomflot;
- Patrick Mossberg, Marininvest. Northern Sea Route. *Experience of Transit Navigation in 2011;*
- Mads Petersen, Managing Director, Nordic Bulk Carriers. *Transit Navigation Via the Northern Sea Route;*
- Loliy Tsoi, Head of Laboratory, Central Marine Fleet Research Institute (TsNIIMF). *Northern Sea Route as an Alternative to Southern Option of Sea Transportation Between Europe and South-East Asia;*
- Reidun Aykeland Haahjem, Senior Underwriter, Gard AS. *Northern Sea Route: Insurer Viewpoint;*
- Representative of Det Norske Veritas Fund;
- Summing-up; Approval of Communiqué.

6 JUNE 2012

10:00 – 13:30	Round table: «Investment Potential of the Nuclear Power Industry: Integrated Approach to Attracting Funding»	Conference hall №1
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More information on this topic at the exhibition: United Corporation for Innovations LLC, NAK Kazatomprom, Science and Innovations, OECD NEA

Moderator: Yuri Pogorely, Executive director of the Financial-Economic Information Service, Interfax Group.

- Nikolay Solomon, First Deputy Director General, Corporate Governance – Chief Financial Officer, ROSATOM. *Introductory Remarks;*
- Boris Kopeikin, Senior Analyst, Standard&Poor's. *The credit quality of companies linked to the state;*
- Benoit Lepouze, Senior Project Manager, EDF. *Funding of NPP Construction Projects in post-Fukushima Period: Electricity Generating Company Perspective;*
- Robert Vartevanyan, Partner, Corporate Consulting Department, KPMG. *Financing in the Nuclear Industry: Key Issues;*
- Representative of Societe Generale;
- Mikhail Karyakin, Deputy Director General, ESCAR;

- Kirill Komarov, Deputy Director General, International Business and Development, ROSATOM; *Challenges and Opportunities for ROSATOM on the Global Market of NPP Construction*;
- Alexander Superfin, Director General, Akkuyu NPP under Construction. *Akuyyu NPP: One and Half Years On*;
- Maxim Kozlov, Director for Special Projects-Head of the Special Projects Department, INTER-RAO EES. *Results of Development of the Banking Feasibility Study of Construction of Baltic NPP*;
- Andrey Shishakov, Partner, Director General, Oliver Wyman. *Risk Management of Infrastructure Investments in Nuclear Industry*;
- Richard Hunter, Managing Director, Head of the Corporate Group of EMEA, Fitch Ratings.

10:00 – 13:30	Round table: «ROSATOM as a Global Technology Leader»	Conference hall №2
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More information on this topic at the exhibition: State Atomic Energy Corporation ROSATOM, TVEL, Science and Innovations, Rosenergoatom, Skolkovo Foundation, IBRAE RAS, Kurchatov Institute, United Corporation for Innovations LLC, KSB, OECD NEA

Moderator: Vyacheslav Pershukov, Deputy Director General, Director of the Innovation Management Unit, ROSATOM.

- Yaroslav Shtrombakh, Deputy Director of the direction of nuclear technology - Director of Kurchatov Research Center of Nuclear Technology, Kurchatov Institute. *Development of Nuclear Power Industry on the Basis of VVER Technologies*;
- Alexander Polushkin, Deputy Director General – Director for Project Engineering, Rosenergoatom. *VVER-TOI: Leader in the the Vessel-type Reactor Technologies*;
- Evgeniy Adamov, Chairman of the Technical Committee of “Breakthrough” Project. *Breakthhrouth in Nuclear Power Industry – Closed Fuel Cycle with the Reators Having Intrincis Safety Properties*;
- Christophe Behar, Director of the Nuclear Energy Division at the French Atomic Energy Commission (CEA). *International Collaboration in Development of Fast Neutron Reactors of the 4th Generation*;
- Mikhail Popov, Deputy Director – Chief Scientific Secretary, Kurchatov Institute. *Russia in International Science and Technology Projects (ITER, CERN, Multifunctional Fast Research Reactor)*;
- Vladimir Troyanov, Director, NIIAR. *Russia in International Science and Technology Projects (ITER, CERN, Multifunctional Fast Research Reactor)*;
- Leonid Bolshov, Director, IBRAE RAN. *CASL and Supercomputers for Solving Technological Problems of ROSATOM*.

10:00 – 13:30	Round table: «International Cooperation in the Nuclear Fuel Cycle»	Conference hall №3
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More information on this topic at the exhibition: TVEL, IUEC, TENEX, ARMZ, NAK Kazatomprom, OECD NEA

Moderator: Vasily Konstantinov, Vice-President, TVEL.

- Anna Bryndza, Vice President, Eurasian Programs, Ux Consulting Company. *State of The World's Nuclear Fuel Market after The Accident At Fukushima-I*;
- Vladislav Korogodin, Deputy Director of Directorate for Nuclear Power Complex, ROSATOM. *International Activities of the State Corporation Rosatom*;
- Igor Solodov, ARMZ. *Potential for Expansion Of Raw Material Base as a Part of Package Supply*;
- V. Govorukhin, Deputy Director General of TENEX. *Key Results of TENEX in the North American Market and Prospects for Cooperation with Companies in the US*;
- Gleb Efremov, Commercial Director of IUEC. *Guaranteed Access to Uranium Enrichment Services*;
- Vasily Konstantinov, Vice-President, TVEL. *Establishment of Regional Infrastructure Facilities for Package Supply of Nuclear Fuel Cycle Services to Customers*;
- Oleg Fesenko, Director, Plant of Nuclear Fuel Production, Ukraine. *Establishment of Regional Infrastructure Facilities for Package Supply of Nuclear Fuel Cycle Services to Customers*;
- Petr Lavrenyuk, First Vice-President, TVEL. *Improving the Reliability and Economic Efficiency of Nuclear Fuel for NPP's. "Driving to Zero Failure"*;
- József Elter, Head of Nuclear Department, NPP Paks. *Fuel Cycle and NPP Power Uprate*;
- Bengt Ljungström, Supply Strategy Manager, Vattenfall Nuclear Fuel AB. *Qualification of a Supplier*;
- Vladimir Zaytsev, Vice-President, TVEL. *The Fuel Company Promotion to Target Markets. R&D and Technology Commercialization Centers Establishment*;
- Josef Belac, Director of ALVEL a.s. *The Fuel Company Promotion to Target Markets. R&D and Technology Commercialization Centers Establishment*;
- Summing-up; Approval of Communiqué.

10:00 – 13:30	Round table: «Construction of NPP with the Quality Required by Design – Fundamental Prerequisite of Safety of Nuclear Power Industry»	Conference hall №4
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More information on this topic at the exhibition: Atomic Energy Construction Corporation, KSB, OECD NEA

Moderators: Sergey Budylin, Deputy Director General, ROSATOM – Director of the Capital Construction Board; Viktor Opekunov, President, SoyuzAtomStroy.

- Sergey Budylin, Deputy Director General - Director of Directorate for Capital Projects, ROSATOM. *Construction of Nuclear Facilities – Key Stage for Ensuring Safety of Nuclear Power Industry. Development and Structure of the Nuclear Industry Complex*;
- Viktor Opekunov, President, SoyuzAtomStroy. *Self-regulation System in Construction Activities in the Nuclear Industry. Integration of the Construction Complex - Basic Prerequisite of Safety of Nuclear Facilities*;
- Alexander Shutikov, Director for Generation and NPP Operation, Rosenergoatom;
- Elena Kolosova, Director for Development, K4, Member of the Expert Council of Self-regulated Organization of Nuclear Industry. *SRO Requirements to Organization of Construction of a Nuclear Facility*;
- Valeriy Sokolov, Chief of Bureau of Engineering Survey, GSPI, Vice-President, Soyuzatomgeo;

- Sergey Egorov, Project Designing Branch, Rosenergoatom;
- Leonid Egorov, Atomenergoproject;
- Yuriy Shibanov, Head of department, NIAEP;
- Vadim Dontsov, Director of Association «Soyuz Elektromontazhnikov»;
- Eduard Saakov, Director, Atomtechenergo JSC;
- Victor Leonov, VNIIAES. *Prospects and new products.*

14:30 – 18:00	Round table: «Nuclear Energy and Public Acceptance: Development of Communication Practices After the Fukushima Accident»	Conference hall №2
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More information on this topic at the exhibition: State Atomic Energy Corporation ROSATOM, World Nuclear Association, OECD NEA

Moderator: Sergey Novikov, Director of the Communications Department, ROSATOM.

- Sergey Novikov, Director of the Communications Department, ROSATOM;
- Jeremi Gordon, analyst, WNA. *Advantages and Disadvantages of Nuclear Power: Addressing Public;*
- Nguyen Viet Phuong, Vietnam Atomic Energy Agency. *Communication Program for the Local Public;*
- Dongwon KIM, Director of International Cooperation Division, Korean Nuclear Energy Promotion Agency in Korea, KONEPA. *Post-Fukushima nuclear energy public acceptance strategies in South Korea;*
- Hooman Peimani, Senior Fellow and Head, Energy Security Division, Energy Studies Institute, Singapore. *Future of Nuclear Energy in the post-Fukushima Era;*
- Natio Lasman, Chairman of the Indonesian National Nuclear Energy Agency. *Presentation on the Prospects of Development of Nuclear Power Industry in the Republic of Indonesia;*
- Pavel Yakovlev, Executive Director of the Russian Nuclear Society, chief editor of the portal Atomic-Energy.ru, News Agency "Nuclear power connection. *Nuclear Society as a Professional Communication Platform of the Nuclear Industry.*

14:30 – 18:00	Round table: «Use of Energy Accumulators in Power Grids»	Conference hall №3
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Moderator: Dmirty Naberezhnev, manager, Bain&Company.

- Ivan Borisov, Director for Development and Restructuring, ROSATOM. *On the ROSATOM New Energy Paradigm Project;*
- Boris Bokarev, Deputy Head of Division – Head of the Electric Power Department of ROSATOM. *Prospects of Application of Storage Systems in the Power Industry;*
- Boris Vainzikh, General Director Ener Z. *Possible Pilot Projects of Application of Storage Systems Based on Lithium-ion Accumulators;*
- Alexander Erokhin, General Director, Liotech. *Prospects of Application of Lithium-ion Accumulators in Public and Individual Transport;*
- Dmitry Naberezhnev, manager, Bain&Company. *Possible Forms of Cooperation Between the Customer and the Competence Owner;*
- Summing-up; Approval of Communiqué.

14:30 – 18:00	<u>Youth Session:</u> « Youth in Science. International Aspects »	Conference hall №4
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More information on this topic at the exhibition: OECD NEA

Moderator: Alexander Fertman, Scientific Director of the Nuclear Technology Cluster, Skolkovo Foundation.

Plenary Session “Globalization of Science”:

- Valentin Ivanov, First Deputy General Director for Development of Fuel for Nuclear Power Industry, VNIINM. *Entry of TVEL into the International Markets;*
- Ronald Ballinger, Professor of Nuclear Science and Engineering, Materials and Technology Massachusetts Institute of Technology. *Competitive Advantages of International Collaboration in Scientific Research. MIT Experience;*
- A. Aleev, Institute of Theoretical and Experimental Physics. *Examples of International Collaboration in Development of New Materials;*
- Representative of an Organization Specializing in Standard Development and Analysis. *Applied Standards as Driving Force of Globalization.*

Discussion I. Competition and Cooperation on the International Market of Research and Development.

Participants of the Discussion:

- Representatives of ROSATOM;
- Representatives of International Research Unions.

Discussion II. Status and Perspectives of Researchers and Developers.

Participants of the Discussion:

- Students and Post-graduates of the Russian and Foreign Universities and Research Institutes;
- Young Employees of the Enterprises of the Industry;
- Representatives of Youth International Scientific Organizations;
- Representatives of the Russian and Foreign Companies Involved in Research Collaboration with the Industry Universities;
- Russian and Foreign Federal and National Organizations in the Area of Nuclear Power and Education.