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

10:00 – 13:00 | PLENARY SESSION
Russia 24 broadcasting channel (live) | Conference-hall 1

**Topic:** Nuclear power industry worldwide: one year after Fukushima

ROUND-TABLE SESSIONS PROGRAM

4 JUNE 2012

10:00 – 18:00 | Special WANO event:
Nuclear Power Industry After Fukushima:
Operator's Perspective

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

- Vladimir Asmolov, President of WANO, First Deputy Director General, Rosenergoatom. *Introductory remarks*;
- TEPCO representative. *Lessons learned from the Fukushima events. One year on*;
- Loran Striker, WANO Chairman. *WANO within the sight of public. Reformation of WANO*;
- Gustav Caruzo, IAEA Department of nuclear safety and physical security. *IAEA nuclear safety action plan*;
- Alexander Shutikov, Rosenergoatom. *Additional safety assessment of Russian NPPs*;
- Alain Keramsi, EDF. *French NPP park. Post-Fukushima: Additional safety assessments*;
- Yury Nedashkovsky, President, Energoatom. *Additional safety assessments of the Ukrainian NPPs*;
- Mikhail Chudakov, Director, WANO MC. *WANO MC initiatives*;
- Vladimir Khlebstievich, Rosenergoatom. *Creating a Regional Emergency Response Center on the base of Rosenergoatom Crisis Center*;
• Ilya Kopytov, Rosenergoatom. New approaches to severe accident prevention and mitigation in the light of Fukushima events.

| 10:00 – 13:30 | Social and Economic Effects of Integrated Development of Nuclear Power Industry |

**Moderator:** Aleksey Kalinin, Director of the International Business Department, ROSATOM.

• Kirill Komarov, Deputy Director General - Director of the Development and International Business Unit, ROSATOM;
• Aleksey Kalinin, Director of the International Business Department, ROSATOM;
• Irina Sokolova, Director of the International Relations and Protocol Administration, The Federal Service for Environmental, Technical, and Nuclear Safety Regulation (Rostekhnadzor);
• Risal Lukman, Assistant to the Deputy Minister, Coordinating Ministry for Economic Affairs, Indonesia;
• Li Di Tien, Deputy Minister of Science and Technology, Vietnam;
• Representative of the Ministry of Energy and Natural Resources, Turkey;
• Representative of the Ministry of Energy, Argentina;
• Mikhail Mikhadyuk, Deputy Minister of Energy, Belarus;
• Franklin Erepono Osaisai, Chairman of the Nigeria Atomic Energy Commission;
• Yukka Laaksonen, Vice-President, Rusatom Overseas;
• Sabin Sabinov, Head of Worley Parsons Nuclear Services;
• Anil Kakodkar, former member of the Indian Atomic Energy Commission;
• Enec representative;
• Bain representative;
• Anton Poryadin, Vice-President, A.T. Kearney;
• Ka.Care representative;
• Christoph Frei, Secretary General, World Energy Council;
• WNA representative;
• Momitor Group representative;
• Booz and Company representative.

| 10:00 – 13:30 | Creating a Personnel Training System to Ensure Safe Operation of NPPs in the New Nuclear Countries |

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

| 10:00 – 13:30 | Round-table Session on Renewable Energy Sources | Conference-hall №2 |

**Moderator:** Igor Bryzgunov, Director for Renewable Energy Sources, Atomenergomash.
13:30-14:00 – Forum Opening Ceremony  
(site in front of ROSATOM booth)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>14:30 – 18:00</td>
<td>Nuclear Energy and Public Acceptance: Development of Communication Practices After the Fukushima Accident</td>
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**Moderator:** Sergey Novikov, Director of the Communications Department, ROSATOM.

- Sergey Novikov, Director of the Communications Department, ROSATOM;
- Xavier Clemon;
- Brian Molloy, Nuclear Power Industry Department, IAEA. *Public communications: Who, what, how?*;
- Jeremi Gordon, WNA. *Advantages and disadvantages of nuclear power: addressing public*;
- Nguen Viet Fong, Atomic Energy Agency of Vietnam. *Communication program for community representatives in Ninhthuan province*;
- KONEPA representative;
- Pricha Karasudhi, National Program for Atomic Power Development in Thailand. *Public relations program: before and after the Fukushima accident*;

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<td>14:30 – 18:00</td>
<td>Round-table Session on Radiation Technologies</td>
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**Moderators:** Denis Kovalevich, Head of the Project office *Projects of the Commission for Modernization and Technology Development of Russia*, ROSATOM; Mikhail Batkov, Program Director, Project office *Radiation Technologies*, ROSATOM.

- Werner Burkart, former Deputy Director of the IAEA, head of the IAEA Nuclear Sciences and Applications Department. *IAEA vision of the prospect of radiation technologies development worldwide*;
- Vladimir Shiltsev, Director, Accelerator Physics Center of the Enrico Fermi Laboratory. *Possible applications of ADS accelerators*;
- Stephen Gourlay, Director, Accelerator and Fusion Research Division of the Laurence Berkeley National Laboratory. *Hypothesis about the areas of technological breakthroughs in radiation technologies*;
- Andrey Seriy, Director, J. Adams Institute of Accelerator Physics. *Technological breakthrough in development of accelerator equipment: new prospect for application markets*;
- Moris Gunderson, partner of the Nuclear Capital Partners Venture Capital Fund. *Target segments for venture funding of small innovation companies in the nuclear technology sector*;
- Martha Hetzmann, Senior Executive Vice-President for Research and Innovations, AREVA. *Areva Plans for development of radiation technology applications*;
- Oliver Hide, Head of Healthcare Sector, Siemens. *Overview of current and planned developments of radiation technologies at Siemens*;

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• Keon Vuk Kang, Executive Director, Cancer Research Institute of the National University of Seoul. Development of radiation technologies for Korean medicine.

Break

• Valentin Korsunsky, Chairman, Russian Nuclear Medicine Society, Head of the Radiopharmaceuticals Department, A.I. Burnazyan. Prospects of nuclear medicine in ROSATOM: revival of the Russian Nuclear Medicine Society;
• Andrey Frolov, Deputy General Director, Head of the Nuclear Medicine Department, Joint Innovation Corporation. Affordable nuclear medicine: Joint project of Rosatom and Phillips;
• Mikhail Lavrentyev, Acting Director General, Isotope. Status of the presidential project “Establishing Mo-99 Isotope Production Based at NIIAR Federal Research Center, Dimitrovgrad”;
• Andrey Frolov, Deputy Director General, Head of the Nuclear Medicine Department, Joint Innovation Corporation. Investment projects in the area of medical nuclides and radiopharmaceuticals;
• Somasundaram Subramanian, Senior research associate, Department of Biotherapy of Tumors, N.N. Blokhin Russian Oncologic Research Center, Director, 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).

5 JUNE 2012

| 10:00 – 18:00 | Symposium: Topical Issues of International Nuclear Law |

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

• Mikhail Lysenko, Director of the Nuclear Power International Relations Department, ROSATOM. Implementation progress of the Russian initiatives in the area of nuclear safety;
• Alexander Agapov, Director, Global Nuclear Safety Institute of the Nuclear Research University “Moscow Institute of Physics and Engineering” (NRU MEPI). Classification principle of nuclear power facilities for management and regulatory purposes in order to ensure global nuclear safety;
• Gennady Novikov, Deputy Director General, Rosatom Emergency Technical Center. Nuclear law concept taking into account IAEA recommendations;
• V.A. Kutkov, Head of Laboratory, Kurchatov Institute Russian Research Center. New approaches to basic IAEA radiation safety standard;
• Wolfram Tonhauser, Head of Nuclear and Treaty Law Section, IAEA. Improvement issues of national nuclear legislations in the area of nuclear power use;
• Sergey Arsentyev, First Deputy Director General, Nuclear Insurance Broker Company. Nuclear risks, nuclear insurance, and nuclear damage liability;
• EDF representative. EDF program of civil liability insurance for nuclear damage;
Sebastian Reitsma, Director, Switzerland Nuclear Pool of Switzerland Reinsurance Society (Swiss Re). *Nuclear risk insurance in the international pool insurance system*;

Danny Van Welkenhuyzen, Head of the European Mutual Insurance Societies EMANI, ELINI, NIRA. *Participation of the European Mutual Insurance Societies EMANI, ELINI, NIRA in insuring nuclear risks of the nuclear power industry*;

David Ripsom, Chief Executive Officer and President, Nuclear Electric Insurance Limited (NEIL). *Civil liability of the US operating utilities. Role and place of the NEIL mutual insurance society*;

V.F. Demin, Head of Laboratory, Kurchatov Institute. *Civil liability insurance issues for nuclear damage of low-power nuclear power plants*;

Yakub Handrlica, Teaching Fellow of the Department of Law, Charles University of Prague. *Legal basis for radiation waste handling in EU*;


Representative of the Federal Service for Environmental, Technical, and Nuclear Safety Regulation (Rostechnadzor). *New law regulating safety of use of nuclear power*;

V.P. Kuzenkov, Head of the Physical Security Systems Research Center, Global Nuclear Safety Institute of the Nuclear Research University “Moscow Institute of Physics and Engineering” (NRU MEPI). *On development of requirements to physical security in nuclear industry*;

Evgeniy Glukhikh, Head of Division, Nuclear and Radiation Safety Department, ROSATOM. *Collaboration of ROSATOM and US DOE to ensure preparedness for responding to nuclear and radiation accidents*;

O.A. Sapatyayeva, Head of Department, Institute of State and Law. *Legal issues of nuclear material non-proliferation*;

Pavel Poluektov, A.A. 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*.

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<th>14:00 – 18:00</th>
<th>Strategies of Nuclear Industry Development After Fukushima: Throughout the Entire Process Chain</th>
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**Moderator:** Igor Karabayev, Director for Strategy and Investments, ROSATOM.

- Igor Karabayev, Director for Strategy and Investments, ROSATOM;
- Scott Melbi, Executive Vice President for Marketing, Uranium One Inc.;
- Derek Gross, Marketing Director, Cameco Corporation;
- Ken Saitz, Senior Vice President for Marketing and Business Development, Cameco Corporation;
- Hans Joachim Kopp, partner of Roland Berger Strategy Consulting (former Vice-President for Strategy and Development, E.ON);
- Adrian Collins, Senior Advisor, WNA;
- Benjamen Fremont, Senior Vice President, Strategy, Mergers and Acquisitions, AREVA;
- Rick Gabbianelli, Senior Vice-President for Strategy, Westinghouse.
Moderators: Leonid Bolshov, Director, Institute for Safe Development of Nuclear Power Industry of the Russian Academy of Science (IBRAE RAS); Oleg Kryukov, Director of Directorate for Nuclear and Radiation Safety, ROSATOM.

- Oleg Kryukov, Director of Directorate for Nuclear and Radiation Safety, ROSATOM. Implementation of the Federal Law №190 on RW management in Russia;
- David Huizenga, Acting Assistant Secretary for Environmental Management, US DOE. Conclusions of the Commission on the future of nuclear power industry in US;
- Anatoliy Zakharchev, Manager of the Project. Integrated Disposal of Nuclear Submarines, ROSATOM. Results of decommissioning and rehabilitation activities in the North-West and Far East regions of Russia;
- Claes Thegerström, President, SKB. Swedish experience in solving issues of RW and SNF management;
- Petr Gavrilov, Director General, Chemical and Mining Complex. Results of SNF and RW management activities at CMC. International collaboration;
- Jacques Repussard, Director General, IRSN. Safety analysis and assessment of back end. French experience;
- Jukka Laaksonen, Vice-President, Rusatom Overseas;
- 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 the unified state system functioning of RW management.

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<th>International Cooperation in the Area of Nuclear Back End Technologies and the Nuclear Legacy Issues</th>
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Moderator: Tatiana Elfimova, Deputy Director General, Public Authority Execution and Budgeting, States Secretary, ROSATOM.

14:00 – 18:00 | Legal Support of Nuclear Industry Development |

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

6 JUNE 2012

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<th>10:00 – 18:00</th>
<th>International Cooperation in the Nuclear Fuel Cycle</th>
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Moderator: Vasily Konstantinov, Vice-President, TVEL.

- TVEL representative. Package proposal: Nuclear fuel completed with back end services;
- ARMZ representative. Potential for expansion of raw material supply base as a part of integrated supply;
Tenex representative. *Leading position on the conversion and enrichment market*;

IUEC representative. *Guaranteed access to uranium enrichment services*;

Representative of the Directorate for Nuclear and Radiation Safety of ROSATOM. *Capabilities of Russia in the area of SNF and RW management*;

Representative of the NPP operators of Central Europe. *Experience of collaboration with TVEL*;

Representatives of the Energoatom and Nuclear Fuel State Corporation (Ukraine). *Packaged supply offers, flexible approach*;

AREVA representative. *Nuclear fuel cycle*;

Check Republic representative. *Uniting the scientific potential*;

WNTI representative. *Transport: What gives the nuclear fuel cycle life*;

Anna Bryndza, Director of Eurasian Programs, Ux Consulting Company. *State of the world’s nuclear fuel market after the accident at Fukushima-I*.

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<th>Role of ROSATOM in Technological Development of Russia</th>
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<td><strong>Moderator</strong></td>
<td>Vyacheslav Pershukov, Deputy Director General, Director of the Innovation Management Unit, ROSATOM.</td>
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<th>Investment Potential of the Nuclear Power Industry: Integrated Approach to Attracting Funding</th>
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<td>Oleg Barabanov, Treasury Director, ROSATOM.</td>
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- Nikolay Solomon, First Deputy Director General for Corporate Functions – Chief Financial Director, ROSATOM;
- Kirill Komarov, Deputy Director General for Development and International Business, ROSATOM;
- Aleksey Kalinin, Director of the Department of International Business, ROSATOM;
- Alexander Superfin, Director General, Akkuyu NPP under construction;
- Maxim Kozlov, Head of Project Group – Baltic NPP;
- Societe Generale representative;
- Deutsche Bank representative;
- Standard & Poor’s representative.

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<td><strong>Moderator</strong></td>
<td>Vladimir Artisyuk, Pro-rector, CICE&amp;T.</td>
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<tr>
<td>14:00 – 18:00</td>
<td>Round-table Session on Innovative Development of Territories</td>
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**Moderator:** Karen Malkhasyan, Deputy Head of the Administration for Regional Activities, ROSATOM.

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<th>14:00 – 18:00</th>
<th>Youth session: Youth in Science. International Aspects</th>
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**Moderator:** Alexander Fertman, Scientific Director of the Nuclear Technology Cluster, Skolkovo Fund.