



INTERNATIONAL INDUSTRY FORUM ATOMEXPO 2013



Saint Petersburg • June 26-28 2013

CONGRESS PROGRAM

JUNE 26, Wednesday – Plenary Session, Symposium, Round table sessions
JUNE 27, Thursday - Round table sessions
JUNE 28, Friday - Round table sessions

PLENARY SESSION PROGRAM June 26 2013 (Palace Theater)

Topic: Nuclear power industry in the XXI century: responsible partnership for sustainable development.

15.00-17.00	PLENARY SESSION	Palace Theater
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Moderator: Djurica Tankosic, Vice-president Worley Parsons.

Speakers:

- Alexander Bychkov, IAEA Deputy Director General and Head, Department of Nuclear Energy;
- Agneta Rising, Director General of the World Nuclear Association;
- Christophe Behar, Director nuclear energy division, CEA;
- Kirill Komarov, Deputy Director General international business and development of the State Atomic Energy Corporation ROSATOM ;
- Lawrie Haynes, President - Marine and Nuclear, Rolls-Royce;
- Luc Oursel, President, CEO and Chairman of the Executive Board, Areva;
- Peter Faross, Director for Nuclear Energy at the DG Energy of the European Commission;
- Takuya Hattori, President, Japan Atomic Industrial Forum;
- Yu Peigen, Deputy Director General, China National Nuclear Corporation.

ROUND TABLE SESSIONS PROGRAM

JUNE 26 2013 (Mikhailovsky Manezh)

10.00-12.30	Symposium: Topical issues of international nuclear law: international legal bases of nuclear power industry in XXI century	Conference-hall №1
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Moderator: Mikhail Lysenko, Director of the International Cooperation Department, ROSATOM.
Andrey Popov, Director for Legal Issues, Corporate Governance and Property Management, ROSATOM.

Speakers:

- Mikhail Lysenko, Director of the International Cooperation Department, State Atomic Energy Corporation ROSATOM.
Opening speech;

- Wolfram Tonhauser, Head of Section, Nuclear and Treaty Law Section, Office of Legal Affairs, IAEA.
Recent developments in nuclear law, including in the areas of nuclear safety, emergency preparedness and response and civil liability for nuclear damage. Introduction to the IAEA's legislative assistance program to support Member States launching or expanding their nuclear power programs;
- Andrey Popov, Director for Legal Issues, Corporate Governance and Property Management, State Atomic Energy Corporation ROSATOM.
Federal Law «Nuclear Radwaste Management»: essence, implementation, practice. Radiowaste management in other countries;
- Steve Burns, Head of Legal Affairs, OECD Nuclear Energy Agency.
Enhancing the Effectiveness of Regulators and Operators;
- Igor Linge, deputy Director for information and analytical support, Institute for Safe Development of Nuclear Power Industry of the Russian Academy of Science (IBRAE RAS).
Development of legal terms for functioning of nuclear industry: safety and economic efficiency;
- James Ben McRae, assistant General Counsel for Civilian Nuclear Programs, U.S. Department of Energy.
Need for and importance of a global nuclear liability regime as called for in the IAEA Action Plan;
- Sergey Arsentev, senior Research Fellow, National Research Nuclear University MEPhI.
Global nuclear safety and nuclear insurance;
- Danielle Degueuse, general Counsel, Legal Division – Generation & Engineering Legal Department, EDF.
Legal framework governing nuclear third party liability in France. Recent developments;
- Ximena Vasquez-Maignan, senior Legal Advisor, OECD Nuclear Energy Agency.
The Japanese nuclear liability regime in the context of the international nuclear liability principles;
- Olga Supataeva, chief Research Fellow, Institute of State and Law of the Russian Academy of Science.
Development of legal framework in the field of radiowaste management;
- Wolf-Georg Schärf, member of the editorial board of the International Journal of Nuclear Law.
Corporate governance as a mean to improve the standing of the nuclear industry;
- Yuriy Polyakov, Director, National Operator for Radioactive Waste Management (NO RWM), FSUE.
National operator in radiowaste management: main directions of the activities under the IAEA convention on safe management of SNF and RAW and Federal Law № 190 «On Radiowaste Management»;
- Quentin Michel, professor of Political Science, University of Liege, Belgium, Faculty of Law.
Establishing a global nuclear liability regime;
- Alexander Hamaza, Director, Federal Budgetary Enterprise «Science and technology center for nuclear and radiation safety».
Development of the regulatory framework in order to ensure the safety of nuclear power;
- Vyacheslav Kuznetsov, Deputy Director, Institute of Physics and Technology, National Research Centre Kurchatov Institute.
Current status and results of the top priority tasks in the Russian study on the legal and institutional support for transportable nuclear energy within the framework of the international project INPRO.

10.00-12.30	<u>Round table</u> Integrated approach to development of nuclear power industry: advantages and prerequisites.	Conference-hall №2
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Moderator: Milko Kovachev, Vice-president of Rusatom Overseas.

Speakers:

- Dzhomart Aliev, CEO, Rusatom Overseas, Russia.

Panel Discussion

- Roberto Gerosa, President International Division, AF-Consult;
- Othon Luiz Pinheiro da Silva, CEO, Eletronuclear, Brazil;
- Daniel Cameron, Energy Secretary, Energy Secretariat, Ministry of Ministry of Federal planning, public investment and services, Argentina;
- Nadira Barkatullah, Director of Economic Regulation, The Regulation and Supervision, Emirate of Abu Dhabi, UAE;
- Kristof Horvath, Deputy Director of the Agency for Atomic Energy of Hungary;
- Djarot S. Wisnubroto, Head of the National Nuclear Energy Agency of Indonesia;
- Anton Poryadin, Partner, AT Kearney.

JUNE 27 2013 (Mikhailovsky Manezh)

10.00-13.00	Round table Environment protection: technical and scientific capabilities and future prospects	Conference-hall №1
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Moderator: Vladimir Grachev, Adviser to the General Director of the State Corporation «Rosatom», president of the Non-Governmental Environmental Vernadsky Foundation.

Victor Marchuk, Executive Director Ekologické občanské sdružení «GREENLIGHT».

Speakers:

- Leosh Tomichuk, Executive vice-president Rusatom Overseas;
- Lidiya Kurindina, Chief of department radioecology and radiological environment control of Department of Public Policy and Regulation in the field of hydrometeorology and environmental monitoring Russian Ministry of Natural Resources.
The state regulation of tariffs for the disposal of radioactive waste;
- Hartmut Teske, Chief of department international programs of the Society for the safety of facilities and reactors, Germany;
- Sergey Svinarenko, Executive director of Directorate for nuclear, radiological and industrial safety, environment, Civil defense and emergency situations, TVEL.
About the state of the environment in the enterprises belonging to the control loop of the Fuel Company in 2012;
- Sylvain Saint-Pierre, Vice president of marketing, thermal and nuclear power, SENES Consultants Limited, England;
- Denis Egorov, Deputy manager of development unified state system of treatment radioactive waste and corporate functions, Federal state unitary enterprise «NO RAO».
Initial registration of radioactive waste and their locations;
- Jurik Dusan, Director General, Environmental Assessment and Management Section, Ministry of Environment of the Slovak Republic;
- Yan Schtuller, The Secretary of the Ambassador at Large Group of the Ministry of Foreign Affairs and the Government Commissioner for Nuclear Power Plant completion Temelin, Czech Republic;
- Nikolay Grusha, Director of the Department of Nuclear Energy of the Ministry of Energy of Belarus;
- Petterei Tiippana, Director of Finnish regulating agency STUK for supervision of nuclear reactors, Finland;

- Peter Tuominen, Manager of Public Relations of Fortum, Finland;
- Mikhail Gashev, First Deputy Chairman of the State Nuclear Regulatory Committee – State Inspector General of Nuclear and Radiation Safety of Ukraine;
- Elena Orlova, Head of the Department of Cell Technologies and nanocomposites LLC «MedProFarm», professor, doctor of biological science.
About the creation of the nanocomposite polymer sorbent for selective binding radionuclides Sr and Cs, as well as the waste water reactor;
- Naser Rastkhah, Energy Organization Atomic of Iran.
Regions monitoring with natural radioactivity in Iran.

14.00-18.00	<u>Round table</u> Knowledge Corporation: way to the global technological leadership through university education	Conference-hall №1
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Moderator: Sergey Kortov, Vice-Principal for Innovation Activities, Professor, Ural Federal University.

Speakers:

- Vyacheslav Pershukov, Deputy General Director, Director of the Block Management Innovation of the State Atomic Energy Corporation «Rosatom».
The aims and objectives of the interaction of the State Corporation «Rosatom» with specialized universities (research priorities and development HA key requirements to universities as partners in joint research, the main initiatives of the State Corporation «Rosatom» to develop scientific and educational cooperation);
- Sergey Kortov, Vice-Rector of Ural Federal University.
The possibilities of use of the innovation ecosystem for university programs innovative development of the nuclear industry;
- Alexey Borovkov, Vice-Rector Future-Oriented Projects, St. Petersburg State Polytechnical University.
Model of development of Competence Centres to conduct research for high-tech businesses (based on the example of «Computational Mechanics’ Laboratory»);
- Vladimir Chuvildeev, Deputy Director of the Nizhny Novgorod State University named after N.I. Lobachevsky.
The model of sustainable development research group at the university;
- Rasim Khaziakhmetov, Director of Technical Policy, JSC RusHydro – Director of Hydropower Industry Corporate University.
Broadening relationships with universities specializing in relevant fields in the area of research and development on the basis of world’s best practice benchmarking;
- Elena Paramonova, Massachusetts Institute of Technology.
The experience of the Massachusetts Institute of Technology (Massachusetts Institute of Technology) in the development of joint research with the business;
- Masaki Saito, Tokyo Institute of Technology.
The experience of R&D organization in the research laboratory of Nuclear Reactors Tokyo Institute of Technology;
- Rais Ali, doctor, Energy Organization Atomic of Iran.
Nuclear education in Iran based on the technology needs.

10.00-13.00	<u>Round table</u> International cooperation in the nuclear fuel cycle	Conference-hall №2
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Moderator: Vasily Konstantinov, Senior Vice President for commerce and international cooperation, TVEL.

Speakers:

- Vasily Konstantinov, Senior Vice President for commerce and international cooperation, TVEL. Introductory speech;
- Maxim Kushnarev, Director for marketing and selling, ARMZ. Experience of the coordination of JSC Atomredmetzoloto and U1 in the marketing;
- Konstantin Tvilenev, Project executive «Foundation conversion facility JSC «SHK». Plans and perspectives of the modernization of the conversion facility JSC «TVEL», possibilities of joint business;
- Ingo Koban, Vice-president, AREVA NP. Cooperation between AREVA and TVEL/MSZ for the re-use of Reprocessed Uranium as a part of Fuel Cycle management scenarios;
- Jeff Combs, President, The Ux Consulting Company. What`s next after the HEU deal?;
- Tatyana Amosova, Director-General of the State Concern «Yadernoye toiplivo». Establishment of nuclear fuel fabrication facility in Ukraine. Cooperation in development of the national nuclear industry;.
- Andrey Tovstenko, Head of the Directorate for marketing and business strategy, TENEX. TENEX on the World Nuclear Fuel Market: Looking into the Future;
- Mikhail Barishnikov, Chief Executive Officer of Project Office of the State Atomic Energy Corporation «Rosatom». Development of the SNF Management Facilities in Russia;
- Vladimir Polutin, Head of projects for establishment of engineering and research centers, JSC «TVEL». Establishment of centers for engineering, scientific research and commercialization of technologies;
- Vladimir Kuznetsov, Member of the IAEA / INPRO. Project IAEA - INPRO: A platform for the organization of strategic international cooperation in the field of NFC.

14.00-18.00	<u>Round table</u> Today`s Challenges in Waste Management and Decommissioning	Conference-hall №2
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Moderator: Ulf Kutscher, Director General, Nukem Technologies GmbH.

Speakers:

- Oleg Kryukov, Director of State Policy on Radioactive Waste, Spent Fuel and Decommissioning, SC Rosatom. Implementation of Rosatom`s Waste Management and Spent Fuel Strategy;
- Christian Wößner, Director General, Atomforum, Germany. The German Nuclear Power Phase-out and the Crucial Issues of Waste Management;
- Hans-Joachim Kopp, Partner, Roland Berger. Nuclear Back-end: Opportunities Abundant;
- Keith Parker, CEO, Nuclear Industry Association of the UK. Delivering Nuclear Decommissioning: a UK Case Study;
- Géraldine Benoit, Industrial Strategy, Nuclear Fuel Division, EDF, France. French Radioactive Waste Management: a Sustainable Approach;
- Toshihiko Fukuda, General Manager, Nuclear Quality & Safety Management, Nuclear Power & Plant Siting Division, Tokyo Electric Power Company, Japan. Challenges for Decommissioning of Fukushima Daiichi - Current Status and Future Plan;
- Michael Siemann, OECD-NEA. Nuclear Decommissioning – the Work of the OECD-NEA;

- Jamie Towns, Staff Director, Waste Management and Decommissioning Working Group, World Nuclear Association.

JUNE 28 2013 (Mikhailovsky Manezh)

10.00-13.00	<u>Round table</u> Nuclear energy and public acceptance	Conference-hall № 1
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Moderator: Sergey Novikov, Director of the Communications Department of the State Corporation «Rosatom»;

Speakers:

- Anthony K. Stott, Senior Manager Office of the Group Executive: Generation Eskom, ESCOM, South Africa;
- Noël Maurice Camarcat, Nuclear Research and Development Officer – Generation and Engineering Branch – EDF, France;
- Robert Knight, director, Ipsos MORI reputation centre;
- Tom A. Bles, an International Award Committee member for the Global Energy Prize, president of the Science Council for Global Initiatives;
- Barry W. Brook, professor, Director of Climate Science, The Environment Institute, an International Award Committee member for the Global Energy Prize. Plentiful energy – key advantages of the Integral Fast Reactor (IFR);
- Hossein Afarideh, doctor, Department of Nuclear Engineering & Physics, Amirkabir University of Technology. Public Awareness of Nuclear Technology in Iran;
- Tatiana Kern, assistant of MVM PAKS NPP Communication Director, Head of Union of Hungarian Compatriots.

14.00-18.00	<u>Round table</u> Staff training in provision of construction, installation and commissioning of the equipment and start-up nuclear power plants in-beginners	Conference-hall №1
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Moderator: Vladimir Artisiuk, Vice-rector of CICE&T.

Speakers:

- Tatiana Terentieva, HR-Director of the State Atomic Energy Corporation «Rosatom». Opening speech;
- Valery Karezin, project director, Personnel policy department of the State Corporation «Rosatom» Opening speech;
- Larisa Struzkaya, project director, Block of development and international business of the State Corporation «Rosatom». The use of SAT (systematic approach to training IAEA) on the example of the development of a competency model and conduct training lifecycle management of complex engineering objects.
- Vladimir Artisyuk, Vice Rector for International Relations of CICE&T. IAEA recommendations for training of contractors;
- Victor Opekunov, Adviser to the Director of the State Atomic Energy Corporation «Rosatom», the President of SRO NP «Soyuzatomstroy». Personnel qualification requirements for the licensing of contractors in Russia;
- Gennadiy Saharov, PF «Branch Center of Capital Construction» of the State Atomic Energy Corporation «Rosatom». Customer requirements for construction and erection organizations personnel;

- Sergey Egorov, Director of Design Branch of JSC «Concern Rosenergoatom». General requirements for the qualification of contractor personnel, NPP project requirements;
- Valery Sidorov, JSC «NIAEP». Relationships lessons with a local contractor in terms of staff development following example of the construction of nuclear power plants in China, India and Iran;
- Alexander Superfin, General Director, JSC «NPP AKKUYU». Valeriy Biezbardis, Head of Engineering Division, Project Documentation Division, AKKUYU NPP JSC. Authorised personnel of contractors from the owner of nuclear power plants in the stages of licensing and construction of nuclear power plant sites in Turkey;
- Evgenii Suhosenko, personnel training center chief, Branch JSC « Concern Rosenergoatom» «Directorate of Baltic NPP under construction» Features of recruitment for the construction at the new site;
- Tomas Callum, Managing Director Thomas Thor Associates. International Recruitment of Nuclear Professionals (best practice in attracting and recruiting talent from the international nuclear industry);
- Nieminen Hannu, Director, Adult Education and Working Life Services, Lahti Region Educational Consortium - Joint Authority Salpaus Further Education. Competence-based qualifications system as a solution of contractors' staff training for start-up nuclear power plants in-beginners;
- Sergey Fedorov, St. Petersburg Branch of CICE&T. Training of staff of the construction organizations for the novice;
- Natalia Chupeykina, director of the NEI «Training Center training workers construction complex of the nuclear industry». Training of staff of the construction organizations in Russia;
- Alexey Serduk, JSC «Atomtehenergo». Staff training for the stage of installation and adjustment of equipment the NPP;
- Sergey Aksinenko, Technical competence centre director LEU, CICE&T. Dmitry Krukov, Head of the Far Eastern Research Center for Nuclear Technology and Radiation Safety. Develop a program of applied baccalaureate in support of localization of construction AU abroad;
- Takeshi Mizuno, General Manager, International Nuclear Energy Development of Japan (JINED);
- Lee Tae Joon, Director, Nuclear Training Centre, KAERI, Republic of Korea. Experience in Personnel Training for the stage of NPP Construction;
- Yuriy Konev, (MPI). Recommendations for the contractors training based on existing practices of progressing vendor-countries and recipient-countries;
- Valeriy Gorbatih, (MPEI);
- Yuriy Seleznev, Rector of CICE&T. The concept of the training system, being built by Russian design abroad for the construction phase of installation and commissioning of equipment.

10.00-13.00	<u>Round table</u> Technology VVER - world practice realization	Conference-hall №2
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Moderator: Piminov Vladimir, General Designer, OKB «GIDROPRESS».

Speakers:

- Mikhail Nikitenko, Deputy Chief Designer, OKB «GIDROPRESS». Promising projects of VVER power units;
- Sergey Svetlov, Chief Project Engineer, JSC «SPbAEP». The main features of the "NPP-2006" for sites of Leningrad NPP-2;
- Alexander Sharipov, Manager MPKF - design center, JSC «Atomenergoproekt».

- Water-Water Energetic Reactor Typical Optimized Informatized Project: engineering innovative solutions and modern information technologies;
- Stanislav Subbotin, Department Head, NRC «Kurchatov Institute».
Super- Water-Water Energetic Reactor Typical- high test reactor of developing nuclear energy system;
 - Yan Zdebor, Technical Director, SKODA JS a. s.
Developing of the Water-Water Energetic Reactor Typical Optimized Informatized technology in central Europe;
 - Jukka Laaksonen, Vice-president, CJSC «Rosatom Overseas».
Technology of the Water-Water Energetic Reactor Typical: perspectives of the global market;
 - Vasily Durinin, Senior vice-president, JSC Research and manufacturing association «CNIITMASH».
Evolutionary development and reference of the Water-Water Energetic Reactor Typical Optimized Informatized project;
 - Alexander Tsvetkov, General Director, «Alstom Atomenergomash» LLC.
Arabelle technology in the Water-Water Energetic Reactor Typical Optimized Informatized project: perspectives of using it on the global NPP market.

14.00-16.00	<u>Conference:</u> Conditions of the nuclear power plants building market entry of construction companies.	Conference-hall № 2
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Moderator: Dmitriy Tvertinov, Senior vice-president of Institution «Branch centre of the capital construction» of State Atomic Energy Corporation «Rosatom».

Speakers:

- Dmitriy Tvertinov, Senior vice-president of Institution «Branch centre of the capital construction» of State Atomic Energy Corporation «Rosatom».
Management construction of the atomic energy;
- Representative of the Department of Methodology and Procurement of the State Atomic Energy Corporation «Rosatom».
System of procurement in the nuclear industry;
- Representative of the Department of integrated safety and security of Institution «Branch centre of the capital construction» of State Atomic Energy Corporation «Rosatom».
Licensing activity of organizations to carry out work related to the use of information constituting a state secret. The order to attract foreign citizens (in the legal entities registered in the territory of the Russian Federation and in the foreign companies) in the construction of atomic energy facilities;
- Representative of OJSC «Mostostroi № 6».
Work experience in the construction of NPP.