



## LESSONS AND PROSPECTS OF MULTILATERAL COOPERATION ON NUCLEAR SECURITY AND NONPROLIFERATION

### INTERNATIONAL SEMINAR

(In cooperation with the International Science and Technology Center)

*April 19, 2012*

#### *Speaker's Bios*

Grigory V. **BERDENNIKOV**, Ambassador Extraordinary and Plenipotentiary, Ambassador-at-Large, Ministry of Foreign Affairs of the Russian Federation. Graduated from Moscow State Institute of International Relations (MGIMO). In 1993-1998 served as a Permanent Representative of the Russian Federation to the Conference on Disarmament in Geneva, Switzerland. In 1992-1993 and 1999-2001 was Deputy Minister of Foreign Affairs of the Russian Federation. In 1998-1999 Director, Department of Security and Disarmament Affairs, Ministry of Foreign Affairs of the Russian Federation. In 2001-2007 Permanent Representative of the Russian Federation to the International organizations in Vienna, Austria. Representative of the Russian Federation in the IAEA Board of Governors since 2003. Ambassador-at-Large in the Ministry of Foreign Affairs of the Russian Federation since 2007.

Elmer W. **DYKE**, Senior Vice President, *NAC International Inc.* He is an expert on issues related to strategic business management, the nuclear fuel cycle and program management. From 2004 until mid-2010, Mr. Dyke served as the strategic business leader of Booz Allen Hamilton's nuclear nonproliferation and nuclear energy business practice. In addition to multiple international and commercial engagements, he managed Booz Allen's program management, international outreach and technical support to the Department of Energy, National Nuclear Security Administration and other U.S. government clients. From 1998-2004, Mr. Dyke managed various commercial nuclear programs for NAC and was NAC's lead consultant on Russia, China, India, and Pakistan.

Dmitry A. **KOVCHEGIN**, Consultant, *Booz Allen Hamilton Inc.* He is the task lead on a range of projects aimed to support the U.S.-Russian cooperation in improving material protection, control and accounting systems at Russian nuclear sites. Before joining Booz Allen Hamilton he worked as Research Associate at PIR Center and

Belfer Center for Science and International Affairs at Harvard University. He graduated from the program on nuclear materials protection, control and accounting, and nonproliferation at Moscow Engineering Physics Institute supported by the U.S. Department of Energy and implemented with participation of PIR Center.

Vladimir P. **KUCHINOV**, Advisor to the Director General, the State Atomic Energy Corporation *Rosatom*. Head of departments for international and foreign economic cooperation in the Ministry of Atomic Energy and Federal Agency for Nuclear Energy in 1998-2008. Worked in IAEA from 1980 to 1985 and from 1994 to 1998. 1991-1994 – Counsellor to the Permanent mission of the Russian Federation to the International organizations in Vienna, Austria. Graduated from Moscow Engineering Physics Institute with qualification engineer – physicist in 1969.

Mikhail N. **LYSENKO**, Ambassador Extraordinary and Plenipotentiary, Director of International Cooperation Department, State Atomic Energy Corporation *Rosatom*. Previously, Ambassador Extraordinary and Plenipotentiary of the Russian Federation to the New Zealand. In 1977 he graduated from the Moscow State Institute of International Relations (MGIMO). Since 1977 he has worked in the USSR/RF Foreign Ministry. 1992-1996 – Deputy Director, Department of the North America, Ministry of Foreign Affairs of Russia. 1996-2000 – Minister Counselor, Embassy of Russia in Canada.

Victor M. **MUROGOV**, Professor of State Technical University of Nuclear Power (Obninsk), IAEA Deputy Director General (1996-2004). From 1996 to 2004 the Deputy General Director of International Atomic Energy Agency (IAEA) and represented the Russian Federation in IAEA. During this period he also worked as the Head of Department of Nuclear Energy of IAEA, General Manager of IAEA MP 1 – “Nuclear Power, Fuel Cycle and Nuclear Science”. In 2000-2003 a Project Manager for the NPRO International Project. In 2008 he became the Director of International Center for Nuclear Education, MEPhI (Moscow).

Vladimir A. **ORLOV**, President, PIR Center. Dr. Orlov founded PIR Center in 1994 and since then he has been heading work of this organization in Moscow, Russia. Since 2006 he also heads the Center's European branch based in Geneva, Centre russe d'etudes politiques. Member of the PIR Center's Executive Board. Since 1994 Vladimir Orlov is the Editor-in-Chief of the Security Index journal (until 2007 published under the Nuclear Control (Yaderny Kontrol) name). Dr. Orlov is a member of the Public Board at the Ministry of Defense of the Russian Federation. Vladimir Orlov participates in the work of a number of Russian and international centers and groups in the field of international security. He is a member of the Russian Pugwash Committee under the Presidium of the Russian Academy of Sciences, a member of the Russian National Committee for BRICS Studies Research Council, a member of the Monterey Non-proliferation Strategy Group, a member of the International Nuclear Energy Academy (INEA), a member of the Trialogue Club International which he founded in 1993, a member of the Washington Quarterly Editorial Board. Dr. Orlov is Associate Research Fellow at GCSP. During the 2010 NPT Review Conference he served as a member of the official delegation of the Russian Federation. Vladimir Orlov was the editor and co-author of the Nuclear Non-proliferation textbook in two volumes, second edition of which was released in 2003, and the third edition is forthcoming.

**PARK** Ji Eun, Counsellor, Embassy of the Republic of Korea to the Russian Federation. Graduated from Seoul National University. Holds LL.M degree from University College London, University of London. Joined the Ministry of Foreign Affairs of the Republic of Korea in 1992. Worked in New York, USA, Bangkok, Thailand. 2009-2011 Director of Inter-Korean Relations Division in the Ministry of Foreign Affairs and Trade of the Republic of Korea. Counsellor in the Embassy of the Republic of Korea in Moscow, Russian Federation since 2011.

Nikolai N. **PONOMAREV-STEPNOI**, Academician of the Russian Academy of Sciences. Chairman of the research council for atomic energy of the Russian Academy of Sciences. Academician Ponomarev-Stepnoi is a leading world specialist in nuclear power units. Born in 1928. In 1952 graduated MEPhI and joined the Kurchatov Institute, where he passed all positions from an engineer to the first deputy director and vice president (1987). He is Editor-in-Chief of the *Atomnaya Energiya* journal, member of the Editorial Board of *Nuclear Science and Engineering*. Dr. Ponomarev-Stepnoi is a winner of numerous awards, include the Lenin and the State Prize.

Viktor V. **TEMIRBAYEV**, Advisor on Foreign Affairs, Embassy of the Republic of Kazakhstan to the Russian Federation. Graduate from Moscow Institute of Electronics and Mathematics and the Moscow Diplomatic Academy. In the Foreign Ministry of Kazakhstan from July 1993. He worked in the Embassy of Kazakhstan in Pakistan and Israel. In the Foreign Ministry of Kazakhstan he dealt with the issues of security, nonproliferation and arms control, cooperation with NATO and the OSCE, the problems of Asian security and CICA (Conference on Interaction and Confidence-Building Measures in Asia). Mr. Temirbayev also was the representative of Kazakhstan in the CICA Secretariat. Since October 2010 – Advisor on Foreign Affairs of the Embassy of Kazakhstan in Russia.

Sergey A. **VOROBIEV**, First Deputy Executive Director, International Science and Technology Center (ISTC)

Natalia V. **ZAYTSEVA**, Head of Projects, Nuclear Cluster, Skolkovo Innovation Center. Graduated from Lomonosov Moscow State University Business School (Lomonosov MSU BS). Holds master's degree in international relations from Moscow State Institute of International Relations (MGIMO). Has been working in the State Atomic Energy Corporation *Rosatom* (OJSC Atomenergomash, *Rosatom*) in the spheres of strategic and innovation development, took part in elaboration of sector development and reform plans. Was in charge of implementation of innovative development program and technological modernization in State Atomic Energy Corporation *Rosatom* in 2010-2011. Natalia works in Skolkovo foundation Nuclear Technology Cluster since June 2011, she is responsible for promoting international cooperation and interaction with development institutes.