



“Congratulations to the staff of the PIR Center on the 10th anniversary of the Center’s foundation. Over the last decade, the PIR Center has earned the status of one of the leading research organizations in Russia. Your analytical and fact-finding work on contemporary problems of international security, nonproliferation of weapons of mass destruction and the fight against terrorism deserve the highest professional recognition.”

Dmitry Medvedev
Chief of Staff, Presidential Administration, RF



“The highly professional fact-finding work of the PIR Center on current international issues and the Center’s incisive analysis rightly command authority both in the research community, and among professionals in international affairs.”

Sergey Prihodko
Aide to the President of the Russian Federation



“The activities of the PIR Center are a good example of constructive cooperation between state bodies and the expert community, for developing a strategy to counteract the threat of WMD proliferation.”

Sergey Lavrov
RF Minister of Foreign Affairs



“The high standard of research, the quality and depth of materials published by the PIR Center makes them a valuable resource for all specialists involved in issues of national security and strategic stability.”

Yuri Baluevsky
Chief of the General Staff of the Russian Armed Forces, Colonel-General



“PIR Center events and the *Yaderny Kontrol* Journal give experts in Russia’s nuclear industry the opportunity to inform the public about reforms in the sector, to enter into dialogue with the expert community and, in a word, to ‘keep their finger on the pulse’.”

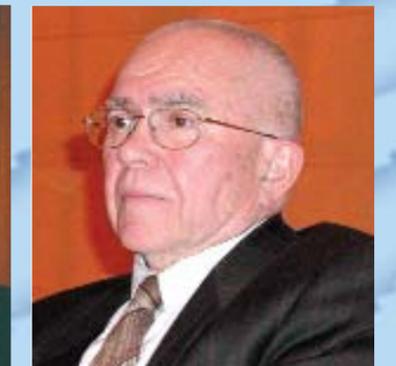
Alexander Rumyantsev
Head, RF Atomic Energy Agency

PIRogue

The Bulletin of the PIR Center 2005

PIR CENTER
Center for Policy Studies
in Russia

ПІР-ЦЕНТР
Центр политических исследований
в России



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PIR Center staff (past and present) and members of the PIR Center Advisory Board at the celebrations of the 10th anniversary of the center's foundation (from left to right); front row: Konstantin Sirikov, Ildar Akhtamzyan, Maria Vernikova, Natalia Kir'yanova, Andrei Frolov, Yulia Sotnich, Natalia Saraeva, Anna Shuvalova, Vladimir Orlov, Irina Kotova, Bakhtiyar Tuzmukhamedov, Evgeny Zvedre, Galina Rasskazova, Valentina Berezniatskaya, Dmitry Kovchegin, Elena Polidva; back row: Ilya Fabrichnikov, Anton Khlopkov, Aleksei Rey, Vadim Kozulin, Vasily Lata, Vitaly Fedchenko.

PIRogue

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Cover (from left to right, top to bottom): Laura Holgate (Nuclear Threat Initiative), Sergei Kislyak (RF MFA), Sergey Antipov (RF Federal Atomic Energy Agency), Igor Sergeev (Aide to the RF President on Strategic Stability, 2001-2004), Fidel Castro Diaz-Balart (Science Advisor to the Chairman of Cuba's State Council) and Vladimir Orlov (PIR Center), Christopher Westdal (Canadian Ambassador to the RF), Sergio Duarte (President of the NPT Review Conference, 2005), Ali Asghar Soltanieh (MFA Iran), Roland Timerbaev (PIR Center). The positions held by participants of seminars, conferences and other meetings are as of the event dates.



We Are Planning a New Breakthrough!



Last year, the PIR Center looked back on ten years of research and educational work, and on the fruits of cooperation with various institutions in the fields of international security and the nonproliferation of WMD, culminating in numerous new publications and meetings that have opened interesting fresh areas of discussion. However, here at the PIR Center we do not intend to rest on their laurels—we are continuing to move forward and set new goals and objectives.

As part of our traditional **research into WMD nonproliferation**, we will be paying special attention to such states as Iran and North Korea. In the fall of 2005, for example, a monograph will be published on the Russian assessment of **Iran's** nuclear missile potential, as well as the role of Russian technologies and expertise in programs to develop this potential. Towards the end of 2005 a report is to be published, containing proposals for coordinated, international efforts, capable of resolving the **North Korean crisis**. Our plans also include actual visits to North Korea. In the first quarter of 2005, PIR Center experts have already conducted a series of meetings with representatives of Iran in Moscow, Teheran and Geneva. These and other topical nonproliferation issues are currently discussed at PIR Center meetings, on our website, www.pircenter.org, and discussion will continue in our Internet forum, which is to come into operation later this year.

We will continue to track progress in implementing the **Global Partnership Against WMD Proliferation**, and obstacles to progress. In March of this year, the *Global Partnership Guide Book*, a Russian-language handbook on Global Partnership was unveiled in a presentation in Moscow, while work continues on the English-language version of the Guide.

A separate branch of research will cover **threats to security in the Central Asian Region**. During the course of 2005, we plan to publish a series of articles by Russian and foreign authors in this field, and will work to establish partnerships in the region. In the second half of 2006, we will hold special round tables or seminars to discuss the most acute problems.

A new topic for research by the PIR Center in 2005-2006 will be **issues of control of biological materials and international cooperation** in this field. In 2005, we plan to hold a series of 'Midweek Brainstorming Meetings,' involving the PIR Center Advisory Board, as well as the publication of a series of articles in *Yaderny Kontrol (Nuclear Control) Journal*.

Yaderny Kontrol continues to evolve, and will assume a new name in 2006, more precisely reflecting the quality of the journal, as a Russian periodical covering international security issues. Through 2005 and early 2006, the journal will continue to be published—and to explore and expand the field—under the old name. Then, in mid-2006 (incidentally, this will be the year of the G8 summit in Russia) you will receive our journal in the previous format, and with the same frequency, but under the new name of...

...And here we decided to introduce a dramatic pause: the editorial board believes that the journal's readers are most able to appreciate how the journal has evolved, and hence to give the journal a new name. The editors of *Yaderny Kontrol* are therefore happy to announce a competition to rename the journal. The author of the most suitable name (in English and Russian, of course) will win a one-year subscription to this journal on international security issues, in the language of his or her choice.

Simultaneously with the Russian publication of the journal under its new name, an **English-language version** will also be published, with the same format. In other words, we are planning a new breakthrough here, too: a breakthrough to reach readers across the world, primarily in Europe, but also in North America and the Asian-Pacific Region.



Vladimir Orlov,
 Director, PIR Center





In the forthcoming months, we plan to spend much attention on the ‘proliferation’ of our journal (in both languages), both in Russia and abroad. Frankly speaking, distribution has been less than successful—after ten years of mostly free distribution, we are gradually phasing in a more traditional system of distribution by paid subscriptions (with minimal exceptions, such as distribution free-of-charge to members of the Advisory Board). This process has not been as smooth as we had hoped. In state agencies, for example, where interest in the journal has always been high, a habitual preference for complimentary services persists. This has remained a problem despite the fact that we offer subscriptions at very affordable prices—far lower than the publishing cost of the journal, and group subscriptions even include heavy discounts.

In the fall of this year, we plan to commence publication of a **Nonproliferation Encyclopedia**. In a number of volumes, this work will cover nuclear, chemical and biological nonproliferation, as well as issues related to the distribution of missile technologies. In order to compile each volume, working groups have been recruited, primarily from among the members of the PIR Center Advisory Board, as well as external experts. I am delighted to find that the Russian business community is supporting this initiative. However, the full implementation of the project will require additional effort to secure financing, and this is an issue which my colleagues and I are currently working on, and we are open to suggestions.

Education and training remain priorities among the activities of the PIR Center. Our internship program for young experts from regional universities remains active, and in July of 2005 the Center held a *Summer School on WMD Nonproliferation Issues for Young Specialists*. In the fall of 2005, PIR Center experts are scheduled to travel to the ‘closed city’ of Zheleznogorsk (Krasnoyarsk Territory) with a course of lectures. In order to support regional universities to develop their own educational courses on nonproliferation, the **Distance Learning Program** will continue to offer remote learning via the PIR Center website. In September of 2005, a course will be held in Moscow to enhance the qualifications of young employees at the RF Ministry for Foreign Affairs, the RF Defense Ministry, and other ministries and agencies, in conventional and new threats to European and global security; the course is currently under development by our partners at the Geneva Center for Security Policy.

The PIR Center plans to continue its practice of organizing and conducting major international forums in Moscow to discuss topical security issues. We are already working in anticipation of 2006, when Russia will chair the G8. One idea is to conduct a **major forum of experts in April of 2006**, with the goal of developing recommendations for Russia and other countries of the G8, in advance of the summit in Russia. Such a conference will help us to ‘synchronize watches’ and formulate recommendations for future security measures.

All of these plans promise to keep everyone busy at the PIR Center offices, which moved on February 1, 2005, to just a hundred yards from our previous address. **Our new address for visitors and all mail is: Suite 025, Bldg. 1, 11/13 Trekhprudny Pereulok, Moscow.** Our telephone switchboard and fax numbers remain, as always, +7 (095) 234-0525 and +7 (095) 234-9558.

As you can see, we have ambitious plans for the coming months, and to implement these plans we will depend heavily on the support of members of the Advisory Board, and the friends and partners of the PIR Center. We are confident that, working together, we can bring all our new ideas to fruition.

Vladimir Orlov,
Director, PIR Center;
Editor-in-Chief, *Yaderny Kontrol* Journal



The flags shown on pages 1 and 2 indicate the countries that were visited by PIR Center staff in 1994-2004.

The PIR Center Is Ten Years Old! A Record of the Celebrations.



PIR Center Director Vladimir Orlov accepts congratulations from Rose Gottemoeller, Senior Associate at the Carnegie Endowment for International Peace, and Ambrose Schwallie, President of Washington Group International's Defense Business Unit.

On April 23, 2004 the PIR Center celebrated ten years since its foundation. The founder and Director of the Center, Vladimir Orlov, reviewed the achievements in this impressive time span as follows: “Our central achievement is that we survived; that we managed to remain independent; that we never allowed short-lived trends to crowd out science. One of the most important tasks was the creation of a powerful mouthpiece in the form of our journal, *Yaderny Kontrol*, because a scientific research institute without such a forum is like a bell without a clapper. I think that not only the material that we publish is of importance, but also the mere fact that our journal is read—in English and in Russian—in 115 towns and cities round the world. Quite literally, from Vladivostok to Vancouver, from Seversk to Los Alamos. We also have a strong virtual presence, having created our own website on nonproliferation issues”.



Nikolai Ponomarev-Stepnoy, Vice President of RRC Kurchatov Institute, congratulates the PIR Center on its first decade.

At a ceremonial reception to mark the 10th birthday of the PIR Center, a group of more than 300 well-wishers included: Sergey Antipov, RF Deputy Minister for Atomic Energy; Natalia Kalinina, Aide to the RF Prime Minister; Vyacheslav Kulyebyakin, Deputy Director of the Russian Munitions Agency (RMA); Nikolai Ponomarev-Stepnoy, Vice President of RRC Kurchatov Institute; Vitaliy Sadovnikov, Director of “PO Mayak”; Vladimir Shidlovsky, Director General of the Siberian Chemical Combine; John Byrd, Director of the Cooperative Threat Reduction Initiative at the Defense Threat Reduction Agency, USA; Ian Downing, Director of International Nuclear Policy and Programmes of the UK Department of Trade and Industry; Donald Hughes, Vice President of *Bechtel*; Ambrose Schwallie, President of the Defense Business Unit at *Washington Group International*, and many other figures representing state agencies, the research community, national embassies, and more.



“For many years the RF Ministry for Atomic Energy (currently, the Federal Agency for Atomic Agency) has actively worked-and continues to work-with the PIR Center. PIR Center events and the journal *Yaderny Kontrol* give experts on Russia's nuclear industry the opportunity to inform the public about reforms in the sector, to enter into dialogue with the expert community and, in a word, to 'keep their finger on the pulse.' Experts at the Federal Agency for Atomic Energy, thanks to the educational programs of the PIR Center, have the opportunity to enhance their knowledge of nonproliferation. I am delighted to be able to congratulate the PIR Center on its 10th anniversary. The graduates of educational programs offered by the center include more than 350 employees of Russian scientific research organizations, nuclear industry enterprises, ministries and agencies; more than 70 issues of *Yaderny Kontrol* have been published, the leading Russian publication on issues of nonproliferation of nuclear weapons. The objectivity and impartiality of staff at the PIR Center is especially commendable, and I wish them many more years of success and productive work!”

Alexander Rumyantsev, Head, RF Atomic Energy Agency

“Over the last decade the PIR Center and its staff have not only succeeded in maintaining their ‘house style’ of a scientific research organization, but have also opened up new areas of activity, primarily educational programs that have become a powerful mechanism in forming a community of young nonproliferation specialists in Russia... The participation in educational programs of the PIR Center by young specialists of scientific research bodies of the Russian Academy of Sciences is an important tool for enhancing their qualifications.”

Nikolai Laverov, Vice President of the Russian Academy of Sciences



“The greatest wealth of the PIR Center lies in its highly-qualified specialists, who work in various areas of research conducted by the Center, exploring the most urgent topics: nuclear and chemical security, problems of the fight against terrorism, the study of events at the planet's most serious 'hot spots,' problems of international security, the reduction of nonproliferation risks, and much more.”

Lev Sandakhchiev, Director General of Vektor State Research Center and Member of the Russian Academy of Sciences



Official telegrams and letters of congratulation on the occasion of the PIR Center tenth birthday.

The *Triologue* Club

- ▽ The *Triologue* Club was founded in **2000** as a club for meetings where diplomats, businessmen, policy experts and journalists from Russia and around the world could discuss a broad range of problems related to international security and the nonproliferation of weapons of mass destruction.
- ▽ Meetings of the *Triologue* Club are held four times each year, on the initiative of the PIR Center and the *Triologue* Company.
- ▽ The members of the *Triologue* Club are given subscriptions to *Yaderny Kontrol* Journal and *Digest of Yaderny Kontrol* Journal, and all the electronic publications of the PIR Center, including *Yaderny Kontrol: Information and Arms Control & Security Letters*.
- ▽ Members of the *Triologue* Club have access to the information resources of the PIR Center, including the database *Yadernaya Rossiya (Nuclear Russia)*, the library and research archives.
- ▽ There are two types of membership in the *Triologue* Club: individual and corporate. Corporate membership allows for participation in *Triologue* Club meetings by two representatives of one member organization.
- ▽ In 2005 individual members of the *Triologue* Club included: representatives of the Embassies of Hungary, Israel, India, Italy, Poland, Czech Republic and Switzerland; *NAC International*, public relations company *CROS*, the US-Russia Business Council (USRBC), the Academy for the National Economy under the RF Government, the Moscow State Institute of International Relations (MGIMO of the MFA of Russia), Russian Pugwash Committee at the Presidium of the Russian Academy of Sciences, the newspaper *Guanmin Gibao* (China), the information agency *Kyodo News* (Japan) and the TV and radio broadcasting corporation *NHK* (Japan).
- ▽ In 2005 the *Triologue* Group united eleven corporate members (the embassies of Australia, the Netherlands, USA, France, Sweden, the PIR Center, RRC Kurchatov Institute, the Russian Insurance Center, *Tenex*, *Bechtel Corporation* and *Washington Group International*).
- ▽ The *Triologue* Club has a web presence at www.trialogue.ru and www.pircenter.org/rus/club



Yevgeny Satanovsky, President of the Institute of Middle East Studies



Oleg Saraev, Director General of Rosenergoatom



Yevgeny Maslin, Chairman of the Board on Sustainable Partnership for Russia

Recent meetings of the PIR Center Club featured the following presentations:

February 27, 2004: Evgeny Satanovsky, President of the Institute of Middle East Studies (“The Globalization of Islamist Terrorism”).

July 27, 2004: Oleg Saraev, Director General of *Rosenergoatom* (“Prospects and Support Measures for the Development of the Nuclear Power Industry”).

September 3, 2004: Golamreza Shafei, Extraordinary and Plenipotentiary Ambassador of the Islamic Republic of Iran to the RF (“Prospects for Russian-Iranian Cooperation: Political and Economic Aspects”).

November 11, 2004: Nikolay Spassky, Deputy Secretary, RF Security Council, and Extraordinary and Plenipotentiary Ambassador (“A New National Security Concept for the Russian Federation”).

March 25, 2005: General-Colonel Yevgeny Maslin, Chairman of the Board on Sustainable Partnership for Russia (SUPR), and Head of the 12th Directorate of the RF Ministry of Defense (1992-1997); (“The Security of Nuclear Arsenals of the Russian Federation”).



Anton Khlopkov (PIR Center), Golamreza Shafei (Extraordinary and Plenipotentiary Ambassador of the Islamic Republic of Iran)



Roland Timerbaev, Vladimir Orlov (PIR Center) and Nikolai Spassky (RF Security Council)

PIR Center Events. The Most Memorable Dates in 2004.

The year 2004 was rich in events in the life of the PIR Center. As part of scientific educational and research projects, more than 40 separate events were conducted, including meetings of the Advisory Board, conferences, round tables, seminars and press conferences. We have compiled a brief survey of the most interesting events. More detailed information on both past and future events related to the research, educational and publishing activities of the PIR Center can be found on our website:

www.pircenter.org.



Andrei Grebenshikov (MGIMO)

On **January 21**, a seminar on handling the North Korean Crisis, at which **Andrei Grebenshikov**, a PIR Center intern and Russian-French MA student at MGIMO of the MFA of Russia, read the paper, **'The North Korean Challenge.'** The full text of the article is published in *Yaderny Kontrol* Journal No. 2, 2004.

On **February 11**, the PIR Center held a meeting of the Advisory Board on **'Territories Beyond State Control: a Challenge to WMD Nonproliferation?'** During the meeting of the Advisory Board, papers were read by PIR Center Research Fellow **Daniil Kobayakov** and **Alla Yaz'kova**, Senior Research Fellow at IMEPI of the Russian Academy of Sciences. A statement was also read by **Viktor Lichaev** of the RF MFA's Department for Security Affairs and Disarmament. The session was held as a part of the research project 'Gray Zones of Proliferation,' implemented by the PIR Center jointly with the Center for International



Daniil Kobayakov (PIR Center) and Alla Yaz'kova (IMEPI RAN)

Trade and Security at the University of Georgia (USA), with support from the USA Department for Energy.

On **February 25**, the PIR Center and the Global Internet Policy Initiative (GIPI) held a joint seminar on **'Transformation of the National Security Concept in the Information Age.'** At the seminar, presentations were made by **Anatoly Streltsov**, Deputy Head of the



Mark Urnov (Ekspertiza Foundation)



Vladimir Baranovsky (MEMO RAN)



Anatoly Streltsov (RF Security Council)

Department for Information Security at the RF Security Council, **Vladimir Baranovsky**, Deputy Director of IMEMO RAN, and **Mark Urnov**, President of the *Ekspertiza* Foundation.

The subsequent discussion also included experts representing state, non-government and business entities, including the RF MFA, the Russian Federal Security Service, the RF Ministry for Communications and Information, the Russian Space Agency, the RF Government,

the Foreign Intelligence Service, the Russian Foundation for the Humanities, Russia's Institute for Strategic Studies, the Center for Political and International Studies, the Systemic Analysis Institute of the Russian Academy of Sciences, MEPhI, the *Encyclopedia* Foundation, *Global Consulting*, *Microsoft*, *Rinotelecom*, the Union of Nuclear Industry Manufacturers and Commercial Companies (SPPAO), the *Novaya Ekonomika* Foundation, the PIR Center and the Global Internet Policy Initiative (GIPI).

From **March 22 to 25**, leading experts at the PIR Center, including the Center's Director, **Vladimir Orlov**, the Chairman of the Center's Executive Board, Extraordinary and Plenipotentiary Ambassador **Roland Timerbaev** and PIR Center Deputy Director **Anton Khlopkov** read a series of lectures on current problems in WMD nonprolif-



PIR Center staff in the Russian Far East

eration for students at the Far East State Technical University in Vladivostok.

On **April 12**, a videoconference brought together PIR Center Director **Vladimir Orlov** in Russia, and US Deputy Secretary of State **John Bolton**.



US Deputy Secretary of State John Bolton

The dialogue covered issues relating to the Proliferation Security Initiative (PSI): the potential for transformation of the proliferation security initiative to include such countries as India, Pakistan and Israel. In addition, the discussion explored the issue of reforming the charters and statutes of international institutions charged with reinforcing the nonproliferation regime, including the initiative of US President George Bush to eject violators of the regime from organizations such as the IAEA. The full text of the interview with US Deputy Secretary of State **John Bolton** was reproduced in *Yaderny Kontrol* Journal No. 3, 2004.

On **June 7**, the Russian newspaper *Vedomosti* published an article by PIR Center Director **Vladimir Orlov**, *Will the G8 Sleep Through the Threat*, cover-



PIR Center Director Vladimir Orlov

ing the summit at Sea Island and bringing readers' attention to the urgency of WMD nonproliferation issues, the fight against terrorism and, therefore, the Global Partnership, in discussions between

the leaders of the Group of Eight leading industrialized nations. According to **Vladimir Orlov**, "the events of 9/11, the explosions in Madrid, on Bali, and in Moscow are yet more reminders that the threat of catastrophic terrorism is a reality, not a myth. If WMD fall into the hands of terrorists, the consequences will be far more serious. The Global Partnership is the response of the world community to this challenge, but the steps taken so far by no means match the scale of this threat".

On **June 8-11**, on Sea Island (USA) a summit of the G8 countries took place. PIR Center Research Fellow **Daniil Kobayakov** attended as correspondent

of *Yaderny Kontrol* Journal, and presented the Center's publications on the problems of the Global Partnership and nonproliferation. The main result of the summit was the G8 Action Plan on Nonproliferation, which included eight main components: nuclear nonproliferation, the Proliferation Security Initiative (PSI), threats to nonprolifera-



RF President Vladimir Putin arrives at the G8 summit

tion, protection from bioterrorism, nonproliferation of chemical weapons, and implementation of resolutions from the Evian summit involving radioactive material and nuclear security. However, according to **Daniil Kobayakov**, "The G8 Action Plan for nonproliferation, which was ratified at the summit on June 9, despite possessing a number of important components aimed at preventing the spread of WMD, has failed to fulfill certain expectations, especially with respect to the Global Partnership Program."

On **July 27**, another meeting of the *Dialogue* Club was held, featuring a presentation on **'Prospects and Support Measures for Development**



Oleg Saraev (Rosenergoatom)

of the Nuclear Power Industry,' in which *Rosenergoatom* Director General **Oleg Saraev** discussed the developmental stages of the Russian nuclear power industry. Special attention was paid to recent positive results and negative trends in the industry.

The *Dialogue* Club met again on **September 3**, with a presentation on **'Prospects for Russian-Iranian Cooperation: Political and Economic Aspects'** by Extraordinary and Plenipotentiary Ambassador of the Islamic

Republic of Iran in the RF **Golamreza Shafei**. The Ambassador outlined the current status of Russian-Iranian relations, with an emphasis on the interests shared by Russian and Iran: "Our countries must inevitably cooperate, work and live together in a world of harmony." The full text of the presentation by **Golamreza Shafei** was reprinted in *Yaderny Kontrol* Journal No. 4, 2004.

On **September 3**, the PIR Center was visited by **Gary Hart**, former Colorado democrat Senator. Senator Hart worked at the US Senate Committee on Armed Services for an extended period, and also worked on relations between the USSR and the US. In his report, Senator Hart stated the position of US Presidential Candidate **John Kerry** to PIR Center staff, with respect to WMD nonproliferation issues specifically, and international security as a whole. In addition, Senator Hart and PIR Center experts exchanged opinions on US foreign policy strategy, discussed the invasion of Iraq and the prospects for peaceful settlement in that country. The problem of nonproliferation of weapons of mass destruction, the possible expansion of Global Partnership programs and a number of other topics were also discussed.



Golamreza Shafei, Extraordinary and Plenipotentiary Ambassador of the Islamic Republic of Iran to the RF



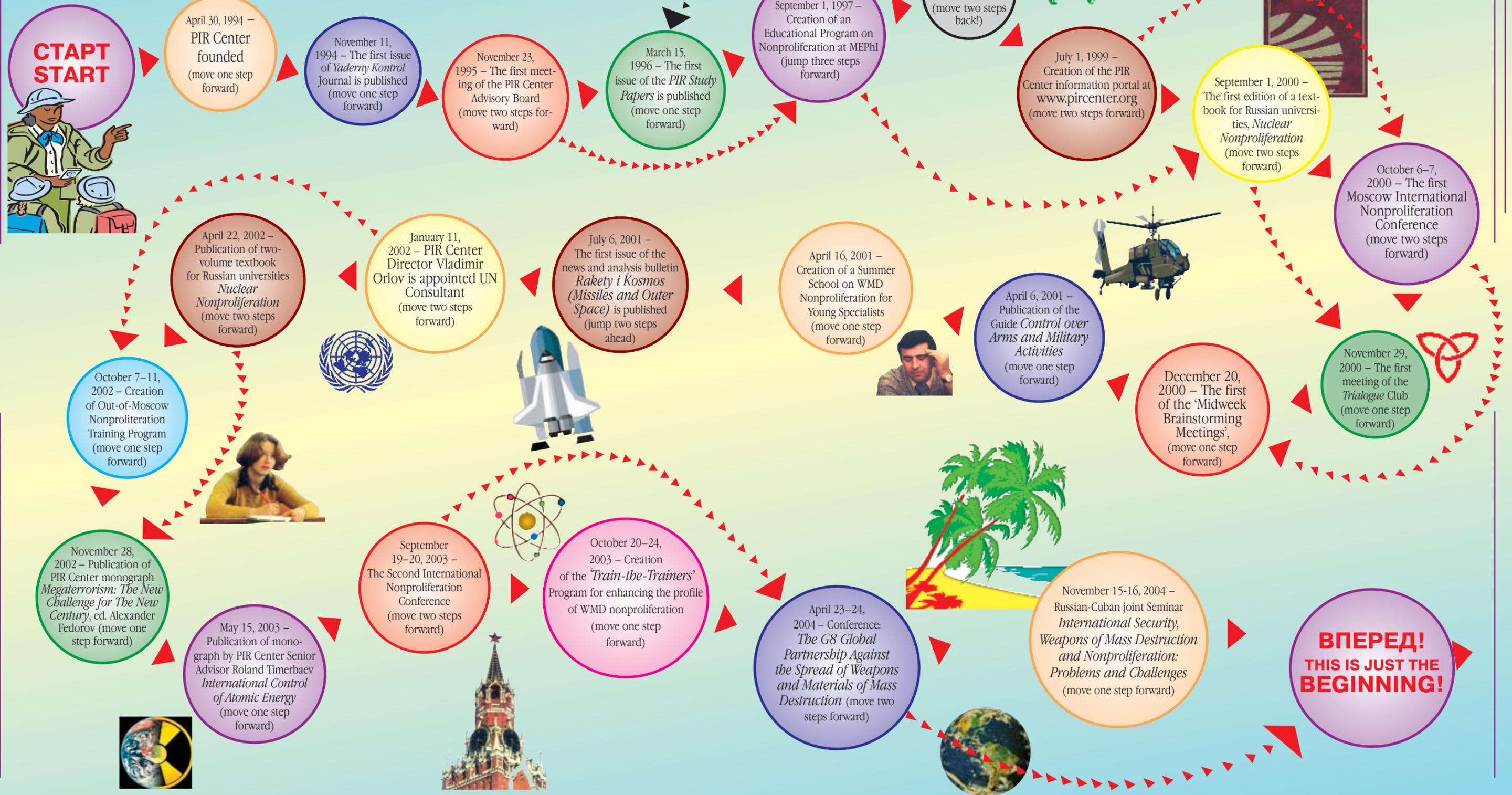
Senator Gary Hart reviews PIR Center publications

Continued on page 12.

Relive the Last 10 Years with the PIR Center!

The PIR Center staff has created a board game, with which readers can relive the last ten years of creative and research projects, from the very day of the Center's foundation right up to the present, but remember-this is just the beginning!

So, let's roll the dice and begin. The player with the highest score begins.



The G8 Global Partnership Against the Spread of Weapons and Materials of Mass Destruction: a PIR Center Conference Held in Moscow, April 23-24, 2004.

On April 23-24, the Center for Policy Studies in Russia and the Board on Sustainable Partnership for Russia (SUPR) hosted the conference *The G8 Global Partnership Against the Spread of Weapons and Materials of Mass Destruction*. More than 260 experts, officials and businessmen from 21 countries around the world took part in the conference. The agenda included the following topics:



Gennady Yevstafiev (PIR Center)

- Global partnership: the main achievements and problems of implementation;
- Disposal of nuclear submarines;
- Chemical disarmament;
- Biological security: prospects for international cooperation;
- Safe storage of nuclear munitions and destruction of missile means of delivery;
- Retraining and employment of experts. Personnel retraining and advanced training;



"We are most grateful to the organisers for putting together such a comprehensive programme which, for the first time, allows us to discuss all aspects of the Initiative within one forum. I am sure that this will prove to be an illuminating, challenging and enjoyable event."

Ian Downing,
Director of International Nuclear Policy and Programmes of the UK Department of Trade and Industry

- Export control.



Sergei Antipov (RF Ministry for Atomic Energy)

During the conference, presentations were made by Vladimir Orlov, Director of the PIR Center, Robert Einhorn, Senior Advisor to the International Security Program of the Center for Strategic and International Studies, Sergei Antipov, Deputy RF Minister for Atomic Energy, Vladimir Shidlovsky,

Director General of the Siberian Chemical Combine, Alexander Khodakov, Director of Special Projects at the Organization for the Prohibition of Chemical Weapons, John Byrd, Director of the US Defense Department's Threat Reduction Agency, Alexander Vershbow, US Ambassador to the RF, Norbert Jousten, Executive Director of the International Science and Technology Center, Issei Nomura, Japanese Ambassador to the RF, Allan Poole, Senior Coordinator at Canada's Department of Foreign Affairs and International Trade, and many others.



Matthew Bann of the John F. Kennedy School of Government, Harvard University



Nikolai Ponomarev-Stepnoy (RRC Kurchatov Institute), Vladimir Sukhoruchkin (RRC Kurchatov Institute), Sergei Antipov (RF Atomic Energy Ministry), Rose Gottemoeller (Carnegie Endowment for International Peace)

Ambrose Schwallie,
President of Washington Group International's Defense Business Unit.

PIR Center Awards

For Contributions to Strengthening the Nonproliferation Regime



Hans Blix (Sweden), Chairman of the Weapons of Mass Destruction Commission; 2000–2003: Chairman of the UN Monitoring, Verification and Inspection Commission (UNMOVIC); 1981–1997: Director General of the International Atomic Energy Agency.



Rose Gottemoeller (USA), Senior Research Associate at the Carnegie Endowment for International Peace, and previously US DOE Deputy Undersecretary for Nuclear Nonproliferation.



Roland Timarbaev (Russia) Extraordinary and Plenipotentiary Ambassador, Chairman of the PIR Center Executive Board, and one of the founding fathers of the Nuclear Nonproliferation Treaty.

For Promotion of the Ideas and Values of Nonproliferation in the Mass Media



David Hoffman (USA), Foreign Editor, the *Washington Post*; the former Chief of Moscow Bureau.

At the conference *The G8 Global Partnership Against the Spread of Weapons and Materials of Mass Destruction (April 23-24, 2004)*, the PIR Center ceremoniously presented awards to outstanding figures in WMD nonproliferation, under the following nominations:

For Contributions to International Cooperation in WMD Nonproliferation



Sam Nunn (USA), Co-chair and Chief Executive Officer of the Nuclear Threat Initiative; author of the legislative initiative to assist Russia and CIS countries dispose of excess quantities of WMD and delivery means; in 1972–1996 Sam Nunn was a US Senator from Georgia.



Yevgeny Maslin (Russia), Colonel-General, Chairman of the Board on Sustainable Partnership for Russia (SUPR), and Head of the 12th Directorate of the RF Ministry of Defense (1992–1997).



Left to right: Anton Khlopkov (PIR Center), Donald Hughes (Bechtel Corporation), Vasily Lata (PIR Center)

For Contribution to Building a Culture of Nonproliferation in Russia



Alexander Rumyantsev (Russia), Head of the Russian Federal Agency for Atomic Energy.



William Potter (USA), Director of the Center for Nonproliferation Studies at the Monterey Institute of International Studies.



Vladimir Orlov (PIR Center)



William Potter (Monterey Institute of International Studies)



Left to right: Donald Hughes (Bechtel Corporation), Igor Khripunov (University of Georgia) and John Deyermond (Bechtel Corporation)

For Long-Term Support of Nonproliferation

The John D. and Catherine T. MacArthur Foundation (USA), a private, charitable fund, created in 1978, one of the priorities of which is support for research by nongovernmental organizations, institutes and universities into WMD nonproliferation and arms control.



Bechtel Corporation (USA) founded in 1898 and renowned for its work in engineering and construction work. The corporation is engaged in implementing the Cooperative Threat Reduction program, and supports scientific research organizations working in the field of WMD nonproliferation.

PIR Center Events in 2004 (continued).



Sergei Yakimov
(Federal Service
for Technical and
Export Control)

On **September 15**, the Center for Policy Studies in Russia held a meeting of the PIR Advisory Board on **'Transformation of the Export Control System in Russia, 1999-2004'**. During this meeting, presentations were made by Andrei **Frolov**, a PIR Center Research Fellow and Elina **Kirichenko**, Head of the Center for North American Studies at the Institute of World Economy and International Relations of the Russian Academy of Sciences (IMEMO RAN). Delegates were presented with a PIR Center report, *Transformation of the Export Control System in Russia*. Comments were made by Oleg **Khodyrev**, Advisor to the RF Security Council, Sergei **Yakimov**, Deputy Director of the Federal Service for Technical and Export Control (previously Head of the Export Control Department, Ministry for Economic Development and Trade), and Andrei **Plotkin**, Head of the Department for Military and Technical Cooperation and Export Control of the Main Agency for Classifications and Trade Restrictions at the Federal Customs Service.

On **October 13-15**, at a session of the 6th International Summit on Transnational Crime, which was held in Monte Carlo (Monaco), PIR Center Director Vladimir **Orlov** gave a presentation on the illegal trafficking of sensitive materials and the relationship between crime and international terrorism: "The level of cooperation between organized crime and international terrorist organizations is extremely high, especially if one considers



Vladimir Orlov
(PIR Center)

that the facts that we know are just the tip of the iceberg. Due to a lapse of attention on the part of the international community, in some regions at least, and thanks to increased financial resources, these groups are close to a new formulation of the old communist motto, 'Organized criminal networks and terrorist organizations of the world, unite!'"

On **October 22**, a session of the round table **'Scenarios for Solving Nonproliferation Problems in Iran and North Korea in the Run-Up to the US Presidential Elections'**, was organized by the Center for Strategic and International Studies (USA) and the PIR Center. A statement was read by Robert **Einhorn**, Senior Advisor to the International Security Program of the Center for Strategic and International



Anton Khlopkov (PIR Center) and Robert Einhorn (Center for Strategic and International Studies)

Studies. The subsequent discussion included representatives of the Russian Academy of Sciences, the Moscow Carnegie Center, the Russian Nuclear Society, the Center for Strategic and International Studies, and the Institute of Middle East Studies.

On **November 11**, a meeting of the *Dialogue* Club was held, featuring a report on **'A New National Security Concept for the Russian Federation'**, read by the Deputy Secretary of the RF Security Council, Extraordinary and Plenipotentiary Ambassador Nikolai **Spassky**.

Ambassador Spassky informed the members of the Club about key issues in work on preparing this important document. "The national security concept must be an honest document, which realistically reflects the situation in Russia and the world. It must have a clear, practical purpose. Moreover, the concept must contain formulations of the tasks that remain to be achieved by our country in the next period of our history," stated the Deputy Secretary of the RF Security Council. An interview with Nikolai Spassky was published in the *Yaderny Kontrol* Journal, No. 1, 2005.



Nikolai Spassky,
Deputy Secretary,
RF Security
Council

On **November 29**, a new issue of the journal *PIR Study Papers*, **'Nuclear Nonproliferation: The Present Situation and Prospects for the Future'** was published. The author of the monograph, Roland **Timerbaev**, Extraordinary and Plenipotentiary Ambassador of the RF and Chairman of the PIR Center Executive Board, timed the publication to coincide with the 2005 Nuclear Nonproliferation Treaty Review Conference.

"We have witnessed the reinforcement of the process of international cooperation in the fight against the proliferation of nuclear weapons and materials of mass destruction. However, we all must recognize that this ongoing struggle is becoming ever more complex and an ever greater responsibility," emphasized Roland Timerbaev.



The Russian-Cuban Seminar "International Security, Weapons of Mass Destruction and Nonproliferation: Problems and Challenges" (November 15-16, 2004, Havana, Cuba).



Participants of the Russian-Cuban seminar

On **November 15-16**, the Institute for International Relations of the Ministry of Foreign Affairs of Cuba, jointly with the PIR Center, organized the first Russian-Cuban seminar since the early 1990's, entitled **'International Security, Weapons of Mass Destruction and Nonproliferation: Problems and Challenges'**.



Doctor Machado (Deputy Director of the Center for Genetic Engineering and Biotechnology)

Russia was represented at the seminar by: Vladimir **Orlov**, Director of the PIR Center; Yevgeny **Maslin**, Member of the PIR Center Executive Board and former Head of the 12th Directorate of the Ministry of Defense; Natalya **Kalinina**,

Member of the PIR Advisory Board and Aide to the RF Prime Minister (2002-2004); Andrei **Dmitriev**, RF Ambassador to Cuba, and others.

Cuban delegates included Fidel Castro **Diaz-Balart**, Science Advisor to the Chairman of Cuba's State Council; Abelardo **Moreno**, Deputy to the Cuban Minister of Foreign Affairs; Hermes Herrera **Hernandez**, Rector of the Institute for International Relations of the Ministry of Foreign Affairs of Cuba, and others. Other participants in the seminar included Sergio **Duarte**, Brazil's Ambassador at Large and President of the 2005 Nuclear Nonproliferation Treaty Review Conference.

At the seminar, current problems in international security and WMD nonproliferation were discussed, as well as the relationship between disarmament and development issues, the role of UN institutions in the system of international security, and prob-

lems in the fight against international terrorism.

At the opening of the seminar, Science Advisor to the Chairman of Cuba's State Council Fidel Castro **Diaz-Balart** announced that, "in the 25 years that the NPT has existed, despite the very laudable intentions with which it was created, everyone now understands how fragile the nonproliferation regime is. Under any program to create peaceful nuclear power, the potential to create military resources is also formed. All that is needed for such a redistribution of efforts is a mere political decision."

During the trip to Havana, the seminar delegates visited the Center for Genetic Engineering and Biotechnology, the largest research institute of its type in Cuba, and were acquainted with the latest developments in Cuba's biotechnology industry, as well as meeting with the institute's Deputy Director, Dr. Francisco **Machado**.

More information about the seminar, as well as the presentations made by delegates, can be found in Russian and Spanish at the website:

<http://www.pircenter.org/cuba2004/eng/index.html>



Abelardo Moreno (MFA Cuba), Fidel Castro Diaz-Balart (Science Advisor to the Chairman of the Cuba State Council), Hermes Herrera Hernandez (Institute for International Relations of the Cuban Ministry of Foreign Affairs) and Vladimir Orlov (PIR Center)

PIR Center Educational Programs

One of the PIR Center's most important areas of activity is educational programs for students and young specialists. Currently, six specialized projects have been developed, including:

- A Summer School on WMD Nonproliferation Issues for Young Specialists
- A professional development course for instructors and lecturers in WMD nonproliferation ("Train-the-Trainers" Program)
- The lecture course 'Nuclear Nonproliferation: International Legal, Political and Economic Aspects' at the Moscow Engineering Physics Institute
- Out-of-Moscow Nonproliferation Training Program
- Internships at the PIR Center
- WMD Nonproliferation Distance Learning Program, at <http://edu.pircenter.org>



The Nuclear Nonproliferation Textbook



Vladimir Orlov reads lectures at the OSCE Academy

On **September 18–23**, a group of PIR Center staff, including PIR Center Executive Board Chairman Roland **Timerbaev**, PIR Center Advisory Board Member Ildar **Akhtamzyan**, Senior Advisor Vasily **Lata**, Deputy Director Anton **Khlopkov** and Educational Programs Coordinator Vitaly **Fedchenko** participated in the "Train-the-Trainers" Program for nuclear nonproliferation instructors and lecturers, organized by the PIR

In **2004**, as part of the Out-of-Moscow Nonproliferation Training Program, PIR Center staff visited the Urals State University and the Far East State Technical University (see p. 6 for more details). The visiting experts donated the textbook *Nuclear Nonproliferation* and other literature in the field to the libraries of these universities.

On **March 15–18**, PIR Center Director Vladimir **Orlov** read a set of lectures on nonconventional threats to international WMD nonproliferation and regional aspects of WMD nonproliferation, at the OSCE Academy (Bishkek). This course was organized for graduates of universities and specialists of state and nongovernment organizations of the Central Asian region, on the joint initiative of the OSCE Academy and the Geneva Center for Security Policy.

Center jointly with the Center for Nonproliferation Studies at the Monterey Institute of International Studies, and located at the Zeleny Mys sanatorium in the town of Novouralsk. PIR Center staff and guest lecturers read a set of lectures on arms control, and nonproliferation of nuclear weapons and means of delivery. More than 25 educators and staff of various scientific research institutes and universities participated in the seminar.

The objective of the lecture course was to enhance the qualifications of educators and staff of universities and scientific research centers at 'closed cities' in the Urals (Novouralsk, Ozersk, Lesnoy and Snezhinsk).

Another course of lectures under this program is scheduled in Zheleznogorsk (Krasnoyarsk Territory) in September of 2005. Course attendees will include specialists from the Siberian 'closed cities'.



Students at the OSCE Academy (Bishkek, Kyrgyzstan)

On **September 24–25**, PIR Center experts read a course of lectures on 'Nuclear Nonproliferation: International Legal, Political and Economic Aspects' at the Urals State University (Ekaterinburg) under the PIR Center Out-of-Moscow Nonproliferation Training Program. PIR Center staff and guest lecturers read a total of 14 hours of lectures on arms control, nonproliferation of nuclear weapons and means of delivery. More than 40 students of the Urals State University—mainly studying international relations—attended together with university employees.

On **October 22**, RF Foreign Affairs Deputy Minister Sergei **Kislyak** read a lecture on 'Russia and Nuclear Nonproliferation' to students of the Moscow Engineering and Physics Institute (MEPhI). For the last nine years, the PIR Center has been organizing the lecture course 'Nuclear Nonproliferation: International Legal, Political and Economic Aspects' at MEPhI, including regular readings by leading Russian experts in the nonproliferation of nuclear weapons and arms control. Sergei Kislyak's lecture attracted an audience of more than one hundred undergraduates, post-graduate students and educators at MEPhI.



Sergei Kislyak lectures MEPhI students

During his lecture, the Deputy Minister touched on current problems and challenges for the nonproliferation of nuclear weapons, and explained the key elements of Russia's nonproliferation policy, as well as discussing a number of other important issues.



Presentation of diplomas to young nonproliferation specialists

On **February 12**, Anna **Shuvalova**, an MA student studying problems of physical protection, control and accounting of nuclear materials at MEPhI, read the paper 'Cooperation between Russia and Great Britain under the Global Partnership Program.' The article was published in *Yaderny Kontrol* Journal, No. 3, 2004.



Anna Shuvalova (MEPhI)

On **March 17**, Roman **Popov**, a post-graduate student of Voronezh State University, read a paper at the seminar 'The Role of US Business in Implementing the Cooperative Threat Reduction and Global Partnership Programs.' The article was published in *Yaderny Kontrol* Journal, No. 2, 2004.



Roman Popov (Voronezh State University)



Egor Kudrin (Urals State University)

On **November 3**, Egor **Kudrin**, a student at the Urals State University, read a paper at the PIR Center seminar 'Syria and Weapons of Mass Destruction.' The report was published on the PIR Center website.

On **November 10**, Aibek **Toktomushev**, a student at MGIMO of the RF MFA, presented the paper 'The Joint Action of Central Asian States to Counter the Threat of International Terrorism.' The article was published in *Yaderny Kontrol* Journal, No. 2, 2005.



Aibek Toktomushev (MGIMO)

Resources for Young Specialists and Both Undergraduate and Post-Graduate Students, on Nonproliferation of Nuclear Weapons and the Global Partnership Program



Yaderny Kontrol Journal

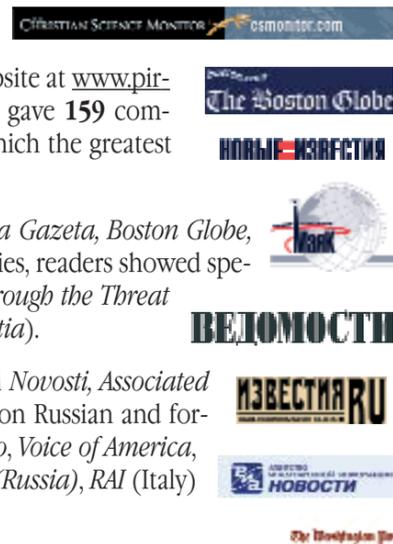
- Our website: www.pircenter.org (see page 17 for more details)
- The **Distance Learning Program** at <http://edu.pircenter.org>
- The **PIR Center Library** was founded in 1998, and currently contains more than 3,000 items, mainly in Russian and English, including books, periodicals on various aspects of international security, audio resources (recordings of conferences, seminars and PIR Center experts) as well as materials on videotapes and CDs. An electronic catalogue of all the materials in the PIR Center Library can be found at www.pircenter.org/edu/lib.html
- The *Yaderny Kontrol* Journal
- **Monographs** in the 'PIR Library Series'

PIR Center Meets the Press

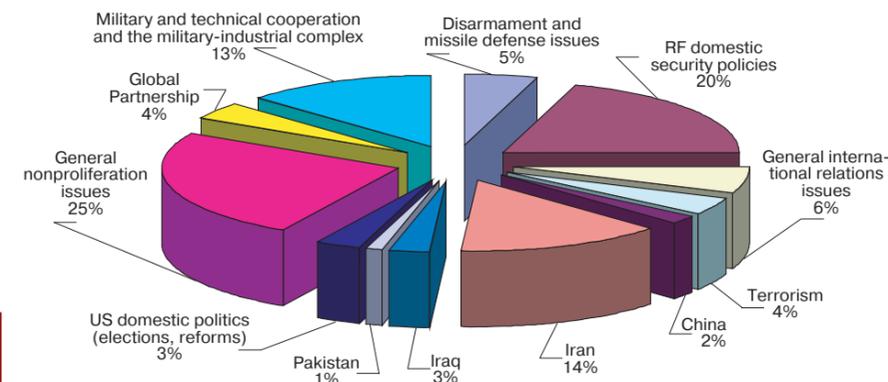
The authority and independent status of PIR Center experts have become a guarantee of interesting and fruitful cooperation between the Center and the media. In 2004, in addition to the regular appearance of articles and other material on the website at www.pircenter.org and in the printed publications of the PIR Center, the Center's experts gave **159** commentaries and statements to media from **14** countries around the world, among which the greatest interest was shown by journalists from **Russia**, the **US** and **Japan**.

Commentaries were published in the newspapers *Vedomosti*, *Izvestia*, *Nezavisimaya Gazeta*, *Boston Globe*, *Washington Post*, *Christian Science Monitor* and others. Apart from these commentaries, readers showed special interest in articles by PIR Center Director Vladimir **Orlov**, *Will the G8 Sleep Through the Threat* (in the newspaper *Vedomosti*), and *Don't Get in the Way of the IAEA* (in *Noviy Izvestia*).

In 2004 PIR Center experts were approached by the news agencies *ITAR-TASS*, *RIA Novosti*, *Associated Press*, *Reuters*, and *France Press*. Statements by PIR Center staff appeared regularly on Russian and foreign radio stations: *Echo Moskvy*, *Mayak*, *Voice of Russia*, *International Russian Radio*, *Voice of America*, *ABC* (Australia) and *BBC* (Great Britain); and on television: *ORT*, *Rossiya*, *NTV*, *TVTs (Russia)*, *RAI* (Italy) and *CTV* (Canada).



In the last year, the range of topics addressed by PIR Center experts has grown significantly (see the chart below).



Nevertheless, journalists have continued to be most interested in the traditional areas of research at the PIR Center: **general problems of security and nonproliferation** (42 comments), and **problems of RF domestic security policies** (28 comments).

In 2004 the PIR Center organized two press conferences, including 'The Spread of WMD: A Global Challenge Requires a Global Response' on April 21, where PIR

Center Director Vladimir **Orlov** and Nuclear Threat Initiative (NTI) Vice President Laura **Holgate** answered questions from journalists.

During the press conference, Vladimir Orlov outlined the main areas of activity under the Global Partnership Program, and its main achievements since it was created. He also touched on issues in the practical implementation of the program, and its role in preventing the spread of weapons of mass destruction.

On **June 2, 2004**, the press conference 'International Security for the Eight: What Will Emerge from the Upcoming Sea Island Summit?' was held at the Independent Press Center. Papers were read by Gennady **Yevstafiev**, Lieutenant-General (retired) and Senior Advisor to the PIR Center, and PIR Center Research Fellow Daniil **Kobyakov**.

During the press conference, the participants outlined the current status of international cooperation in the fight against international terrorism and the spread of weapons of mass destruction (WMD) on the eve of the G8 summit at Sea Island (USA).



Vladimir Orlov (PIR Center) and Laura Holgate (Nuclear Threat Initiative)

Your Guide to WMD Nonproliferation Issues on the Internet – www.pircenter.org



- Here, you can subscribe to printed or electronic publications of the PIR Center, including the journal *Yaderny Kontrol***
- This section contains materials on various policy issues related to nonproliferation in India, Iran, Lybia, Pakistan, North Korea, as well as the Global Partnership Program, PSI, nuclear security, megaterrorism, etc.**
- Information on PIR Center projects and events**
- Nonproliferation specialists and students of the Distance Learning Program can test their knowledge here, as well as attending lecture courses and accessing the electronic catalogue of the PIR Center Library. (only in Russian)**
- Information on PIR Center staff, the members of the Advisory Board and the Executive Board, vacancies, our partners, and the PIR Center contact information**
- This section is dedicated to the *Dialogue Club***
- Here you can find the 'Events Calendar,' a record of historic events in the world of nonproliferation**
- A link to materials from the 2005 Nuclear Nonproliferation Treaty Review Conference**
- In the 'News' section visitors can find comments by PIR staff and delegates at PIR Center events; the section also includes an archive of PIR Center news.**
- A selection of published materials on international security, RF foreign policy and nonproliferation issues, selected from media in Russia and around the world.**