

Pavel Podvig

Russian Nuclear Forces Project

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Professional experience

Russian Nuclear Forces Project

Director and Principal Investigator

Since 1995

The project maintains a web site, RussianForces.org, devoted to analysis of technical and political aspects of Russian nuclear policy and composition of Russia's nuclear forces.

United Nations Institute for Disarmament Research

Consultant

Since January 2011

Nuclear Security project to evaluate the current status of international nuclear security programs.

Program on Science and Global Security, Princeton University

Editor, *Science and Global Security* journal

Since February 2011

With Zia Mian and Alexander Glaser

Associate Professional Specialist

Since September 2010

Research project "International Panel on Fissile Materials"

Research Fellow

January 2002–September 2003

Research project "Missile Defense in Soviet and Russian Policymaking"

Visiting Researcher

September 2000–January 2002, January 2004–July 2004

Research projects: Russian early-warning system, U.S.-Russian arms control dialog, missile defense and the ABM Treaty

Center for International Security and Cooperation, Stanford University

Affiliate

since July 2010

Research Associate

2004-2010

Research projects: Russian nuclear complex, Russian strategic forces, danger of accidental missile launch, military uses of space, nuclear non-proliferation

Acting Associate Director for Research

2008-2009

Security Studies Program, Massachusetts Institute of Technology

Research Fellow

1992, 1994, 1997

Research projects: Russian space-based early-warning system, missile defense and the ABM Treaty, status of the Russian strategic forces

Center for Arms Control Studies, Moscow Institute of Physics and TechnologyResearcher

August 1991–August 2004

Main research projects: political and technical aspects of missile defenses, history and status of the Russian strategic forces, capabilities of the Russian early-warning system, U.S.-Russian relations

Teaching

Stanford University

Lecturer, Seminar ISP 242 “Nuclear Weapons and Nuclear Proliferation”

Spring 2007

Princeton University

Preceptor, “Science, Technology, and Public Policy” (Professor Frank von Hippel)

2003, 2004

Center for Arms Control Studies, Moscow Institute of Physics and Technology

Lecturer, “Technical Aspects of Disarmament and Nonproliferation”

2002, 2003

General Physics Department, Moscow Institute of Physics and Technology

Lecturer, general physics

1990–2001

Education

Institute of World Economics and International Relations (IMEMO), Moscow

PhD, Political Science

2004

Moscow Institute of Physics and Technology

Post-graduate program, Physics

1992

Moscow Institute of Physics and Technology

Department of General and Applied Physics (with honors)

1988

Membership

International Panel on Fissile Materials

since 2009

American Physical Society

since June 2006

Program on New Approaches to Russian Security (PONARS)

since November 1999

Boards and Committees

Bulletin of the Atomic Scientists

Member, Science and Security Board

2008-2010

Vice Chair, Board of Directors

November 2005-March 2008

Member, Board of Directors

June 2001-March 2008

Committee on International Freedom of Scientists, American Physical Society

Chair

2008

Member

2006-2009

Burton/Szilard Awards Committee, Forum on Physics & Society, American Physical Society

Chair

2009

Member

2008-2009

Program on New Approaches to Russian Security

Member, Executive Committee

October 2002–January 2006

Awards

2008 Leo Szilard Lectureship Award, American Physical Society 2008
(with Anatoli Diakov)

"For establishing a center for scientific study of arms control, for landmark analyses, and for courage in supporting open discussion of international security in Russia."

Personal Information

Citizenship: Russia

Languages: Russian: native, English: fluent, French: reading

Publications and presentations

Books

1. *Russian Strategic Nuclear Forces* / edited by Pavel Podvig. Cambridge, Mass.: MIT Press, 2001 (paperback edition, 2004)
2. *Strategicheskoe iadernoe vooruzhenie Rossii* / pod redaktsiei P.L. Podviga. Moskva: Izdat, 1998. 478 p.: ill. ; 25 cm (in Russian)

Research papers and articles

1. Pavel Podvig, "Nuclear Security: Toward the 2012 Nuclear Security Summit," UNIDIR Research Paper, to be published in November 2012.
2. Pavel Podvig, "Russia's Nuclear Forces: Between Disarmament and Modernization," IFRI Proliferation Papers, no. 37, Spring 2011.
3. Pavel Podvig, "History of Highly Enriched Uranium Production in Russia," *Science & Global Security* 19, no. 1 (2011): 46-67.
4. Pavel Podvig, "Russian Nuclear Forces," in *Fifth Italian Yearbook on Nuclear Disarmament and Non-Proliferation at the VIII Review Conference: the Role of Europe*, Italian Observatory on Arms Trade, to be published in spring 2011
5. Pavel Podvig, "Big bank theory - A new approach to nuclear fuel provision," *Jane's Intelligence Review*, February 18, 2011.
6. Pavel Podvig, "Instrumental Influences -- Russia and the 2010 Nuclear Posture Review," *The Nonproliferation Review*, 18(1), 39-50.
7. "Russia: Highly Enriched Uranium," Chapter 4 in *Global Fissile Material Report 2010. Balancing the Books: Production and Stocks*, Fifth annual report of the International Panel on Fissile Material, December 2010
8. Pavel Podvig, "START-up - The new Strategic Arms Reduction Treaty," *Jane's Intelligence Review*, Volume 22, Number 06, June 2010, Pages 48-53
9. Pavel Podvig, "Non-proliferation and arms control policies of the Obama administration: The first 15 months," *Yaderny Club*, Center for Energy and Security Studies, No. 1 (2), January-February 2010, pp. 33-36 (in Russian)
10. Pavel Podvig, "Strategic Rocket Forces: The 50th Anniversary," *Kommersant-Vlast*, No. 49 (852), December 14, 2009 (in Russian)
11. Pavel Podvig, "Nuclear renaissance: Security challenges of atomic power", *Jane's Intelligence Review*, Volume 21, Number 11, November 2009, Pages 47-51
12. Pavel Podvig, "START Follow-on Negotiations: Problems and Progress," *Russian Analytical Digest*, No. 66: US-Russian Relations, 20 Oct 2009
13. Pavel Podvig, "Russia and missile defense in Eastern Europe", Unpublished memo, August 2009.
14. Pavel Podvig, Susan S. Voss, "Use of highly-enriched uranium in Russian reactors", Proceedings of the 50th Annual Meeting of the Institute for Nuclear Material Management, July 12-16, 2009
15. Pavel Podvig, "Consolidation of Fissile Materials in the Russian Nuclear Complex", International Panel on Fissile Materials Research Report, May 2009

16. Pavel Podvig, "Building Institutions of U.S.-Russian Disarmament," Project Base Camp Research Paper, Center for a New American Security, April 2009
17. Pavel Podvig, "Consolidation of Fissile Materials in the Russian Nuclear Complex," Proceedings of the 49th Annual Meeting of the Institute of Nuclear Materials Management, Nashville, TN, July 13-17, 2008
18. Pavel Podvig, "The Window of Vulnerability That Wasn't: Soviet Military Buildup in the 1970s--A Research Note", *International Security*, Summer 2008, Vol. 33, No. 1: 118-138
19. "Front end of nuclear cycle," in "Security in a World with More Nuclear Power", Report based on the Stanford Workshop "The Security Implications of Increased Global Reliance on Nuclear Power", CISAC, Stanford University, 2008
20. Pavel Podvig, Fred Wehling, and Jing-dong Yuan, "Nuclear Weapons in a Changing Threat Environment," in Paul J. Bolt, Su Changhe, and Sharyl Cross, eds., *The United States, Russia, and China: Confronting Global Terrorism and Security Challenges in the 21st Century* (Praeger Security International, 2008)
21. Pavel Podvig, "Russia and the Military Use of Space," in Pavel Podvig and Hui Zhang *Russian and Chinese Responses to U.S. Military Plans in Space* (Cambridge, Mass.: American Academy of Arts and Sciences, 2008)
22. Pavel Podvig, "Did Star Wars Help End the Cold War? Soviet Response to the SDI Program", under review
23. Pavel Podvig, "Russia and Non-proliferation", Managing Global Insecurity Project, New York University and Brookings Institution, March 2007
24. Pavel Podvig, "Russia and the Prompt Global Strike Plan", PONARS Policy Memo Series, Memo No. 417, December 2006
25. Pavel Podvig, "Reducing the Risk of an Accidental Launch", *Science and Global Security*, vol. 14:75-115, 2006
26. Pavel Podvig, Review of Moltz, James Clay, Vladimir A. Orlov, and Adam N. Stulberg, eds. *Preventing Nuclear Meltdown: Managing Decentralization of Russia's Nuclear Complex* (Burlington, VT: Ashgate, 2004), *The Russian Review*, Volume 65, Number 1, January 2006, pp. 160-161.
27. Pavel Podvig, "The Russian Nuclear Arsenal", Case Study, Columbia International Affairs Online (<http://www.ciaonet.org/casestudy/case003/index.html>), November 2005
28. Pavel Podvig, "If it's broke, don't fix it," *Bulletin of the Atomic Scientists*, Vol. 61, No. 4, July/August 2005, pp. 21-22
29. Pavel Podvig, "Russian Strategic Forces in the Next Decade", Aspen Institute Italia, News Analysis Series, No. 3/05
30. Pavel Podvig, "Reducing the risk of accidental launch: Time for a new approach?", PONARS Policy Memo Series, Memo No. 328, February 2005
31. Pavel Podvig, "Missile defense after the ABM Treaty", *Yaderny Kontrol*, No. 1 (75), Vol. 11, 2005, pp. 51-64 (In Russian)
32. Pavel Podvig, "Missile Defense in U.S.-Soviet and U.S. Russian Strategic Relations, 1945-2003", Dissertation, PhD in political science. Institute of World Economy and International Relations. Moscow, June 2004

33. Pavel Podvig, "U.S.-Russian Cooperation in Missile Defense: Is It Really Possible?", PONARS Policy Memo Series, April 2003
34. Pavel Podvig, "Russian Early-Warning System and Danger of Inadvertent Launch", *Physics and Society*, Vol. 32, No. 1, January 2003.
35. Pavel Podvig, "A Desperate Pursuit of Parity" (a review of *The Kremlin's Nuclear Sword: The Rise and Fall of Russia's Strategic Nuclear Forces*, by Steven J. Zaloga, Smithsonian Institution Press, 2002), *Science and Global Security*, Vol. 10 (2002), pp. 223-225.
36. Pavel Podvig, "Who is in Charge?: Russia Handles Arms Control Negotiations", Program on New Approaches to Russian Security Policy Memo Series, Memo No. 277, December 2002.
37. Pavel Podvig, "History and the Current Status of the Russian Early-Warning System", *Science and Global Security*, Vol. 10 (2002), pp. 21-60.
38. Pavel Podvig, "Demise of the ABM Treaty", Program on New Approaches to Russian Security Academic Memo Series, May 2002 (in Russian)
39. Pavel Podvig, "The End of Strategic Arms Control?", Program on New Approaches to Russian Security Policy Memo Series, Memo No. 217, January 2002.
40. Anatoli Diakov, Pyotr Romashkin, Timur Kadyshev, Eugene Miasnikov and Pavel Podvig, "U.S.-Russian Relations in Nuclear Arms Reductions: Current State and Prospects," Center for Arms Control Studies, Dolgoprudny, 2001 (in Russian)
41. Pavel Podvig, "Putin's Boost-Phase Defense: The Offer That Wasn't," Program on New Approaches to Russian Security Policy Memo Series, Memo No. 180, November 2000.
42. Anatoli Diakov, Timur Kadyshev, and Pavel Podvig, "Nuclear Parity and National Security in new Conditions", *Yaderny Kontrol (Nuclear Control)*, v. 5, no. 4 (Fall 2000), pp. 28-34
43. Pavel Podvig, "Est' li budushcheye u dogovora po PRO? (Does the ABM Treaty Have a Future?)" *Yaderniy Kontrol*, No. 5, September–October 2000, pp. 4–9 (in Russian).
44. Pavel Podvig, "START and the ABM Treaty: Is a Compromise Possible?" Program on New Approaches to Russian Security Policy Memo Series, Memo No. 132, April 2000.
45. Geoffrey Forden, Pavel Podvig and Theodore A. Postol, "False alarm, nuclear danger" *IEEE Spectrum*, March 2000, v. 37, Number 3.
46. Pavel Podvig, "START III and the ABM Treaty", Proceedings of the 10th International Arms Control Conference, Albuquerque, April 15-16, 2000.
47. Pavel Podvig, "A History of the ABM Treaty in Russia" Program on New Approaches to Russian Security Policy Memo Series, Memo No. 109, February 2000.
48. Pavel Podvig, "Russian Nuclear Forces in Ten Years with and without START II" Program on New Approaches to Russian Security Policy Memo Series, Memo No. 92, October 1999.
49. Pavel Podvig, "The Russian Strategic Forces: Uncertain Future" *Breakthroughs*, Spring 1998, vol. VII, No 1, pp. 11-21.
50. Pavel Podvig, "Smozhet li Rossiya sokhranit Dogovor po PRO? (Could Russia Save the ABM Treaty?)" *Yaderniy Kontrol*, No. 23, November 1996, pp. 2–5 (in Russian).
51. Pavel Podvig, "Nuclear Arsenals", in *Nuclear Encyclopedia*, A. A. Yaroshinskaya, ed., Moscow, Yaroshinskaya Charity Fund, 1996
52. Pavel Podvig, "Nuclear Weapons: Types, Principles and Effects", in *Nuclear Encyclopedia*, A. A. Yaroshinskaya, ed., Moscow, Yaroshinskaya Charity Fund, 1996

53. Paul Podvig, "The Operational Status of the Russian Space-Based Early Warning System" *Science & Global Security*, 1994, v. 4, pp. 363–384.
54. P. L. Podvig, *Sovremennye sistemy protivoraketnoy oborony i Dogovor po PRO (Modern missile defense systems and the ABM Treaty)*, Center for Arms Control Studies, Dolgoprudny, 1994 (in Russian).

Op-eds and columns

1. Pavel Podvig, "Nuclear disarmament after New START," RUFs Briefing No. 7, RUFs Project, FOI, Stockholm, January 2011
2. Pavel Podvig, "Offense and defense after New START," *The Bulletin of the Atomic Scientists Online*, 6 January 2011
3. Pavel Podvig, "NATO and the future of missile defense in Europe," *The Bulletin of the Atomic Scientists Online*, 28 October 2010
4. Pavel Podvig, "New START Treaty and Beyond," *Physics and Society*, Vol. 93, No. 3, July 2010, pp. 12-15
5. Pavel Podvig, "Assessing START follow-on," *The Bulletin of the Atomic Scientists Online*, March 29, 2010
6. Pavel Podvig, "What to do about tactical nuclear weapons," *The Bulletin of the Atomic Scientists Online*, 25 February 2010
7. Pavel Podvig, "Russia does not need nuclear weapons for its security," *Vremya Novostey*, No. 219, 29 November 2009 (in Russian)
8. Pavel Podvig, "The false promise of missile defense," *The Bulletin of the Atomic Scientists Online*, September 14, 2009
9. Pavel Podvig, "What's next for START follow-on?" *Observatoire de la non-prolifération, Centre d'Etudes de Sécurité Internationale et de Maîtrise des armements*, No. 40, JUILLET/AOÛT 2009
10. Pavel Podvig, "The Moscow summit: A positive first step," *The Bulletin of the Atomic Scientists Online*, 22 July 2009
11. Pavel Podvig, "What if North Korea were the only nuclear weapon state?," *The Bulletin of the Atomic Scientists Online*, May 27, 2009
12. Pavel Podvig, "Reaction to the Obama-Medvedev joint statement on arms control," *The Bulletin of the Atomic Scientists Online*, April 3, 2009
13. Pavel Podvig, "Broadening the disarmament agenda through START," *The Bulletin Online*, 4 March 2009
14. Pavel Podvig, "Russia's new arms development," *The Bulletin of the Atomic Scientists Online*, January 16, 2009
15. Pavel Podvig, "Formulating the next U.S.-Russian arms control agreement," *The Bulletin of the Atomic Scientists Online*, December 18, 2008
16. Pavel Podvig, "Barack Obama's missile defense challenge," *The Bulletin of the Atomic Scientists Online*, November 11, 2008
17. Pavel Podvig, "A silver lining to the U.S.-India nuclear deal," *The Bulletin of the Atomic Scientists Online*, October 14, 2008

18. Pavel Podvig , "U.S.-Russian relations after the conflict in Georgia", *Bulletin of the Atomic Scientists Online*, August 25, 2008
19. Pavel Podvig, "The fallacy of the Megatons to Megawatts program", *The Bulletin of the Atomic Scientists Online*, July 23, 2008
20. Pavel Podvig, "The push for a new arms control agreement with Russia is ill-conceived," *Bulletin of the Atomic Scientists Online*, June 3, 2008
21. Pavel Podvig, "Don't block U.S.-Russian nuclear cooperation," *Bulletin of the Atomic Scientists Online*, May 22, 2008
22. Pavel Podvig, "The realities of nuclear fuel supply guarantees", *Bulletin of the Atomic Scientists Online*, April 18, 2008
23. Pavel Podvig, "The U.S. satellite shutdown: An unnecessary action", *Bulletin of the Atomic Scientists Online*, February 29, 2008
24. Pavel Podvig, "The truth about Russia's military 'resurgence'", *Bulletin of the Atomic Scientists Online*, January 29, 2008
25. Pavel Podvig, "How Russia's nuclear fuel delivery to Iran benefits nonproliferation", *Bulletin of the Atomic Scientists Online*, December 20, 2007
26. Pavel Podvig, "U.S. nuclear weapons security--a 'silly' notion", *Bulletin of the Atomic Scientists Online*, November 12, 2007
27. Pavel Podvig, "Russia and nuclear disarmament", *Bulletin of the Atomic Scientists Online*, October 17, 2007
28. Vladimir Dvorkin, George Lewis, Pavel Podvig, Theodore Postol , "Missile Defense in Europe: Dangers and Opportunities", *Nezavisimoye Voyennoye Obozreniye (Independent Military Review)*, September 28, 2007 (in Russian)
29. Pavel Podvig, "U.S. loose nukes", *Bulletin of the Atomic Scientists Online*, September 13, 2007
30. Pavel Podvig, "How to make U.S.-Russian relations meaningful", *Bulletin of the Atomic Scientists Online*, August 15, 2007
31. Pavel Podvig, "Why START is important", *Bulletin of the Atomic Scientists Online*, July 3, 2007
32. Pavel Podvig, "The U.S. and Russia's 'ludicrous' missile defense rhetoric", *Bulletin of the Atomic Scientists Online*, May 23, 2007
33. Pavel Podvig, "Boris Yeltsin's arms control legacy", *Bulletin of the Atomic Scientists Online*, April 30, 2007
34. Pavel Podvig, "A U.S.-Russian missile defense cooperative?", *Bulletin of the Atomic Scientists Online*, April 24, 2007
35. Pavel Podvig, "Behind Russia and Iran's Nuclear Reactor Dispute", *Bulletin of the Atomic Scientists Online*, March 26, 2007
36. Pavel Podvig, "Missile defense: The Russian reaction", *Bulletin of the Atomic Scientists Online*, February 26, 2007
37. Pavel Podvig, "Life after START", *Bulletin of the Atomic Scientists Online*, January 9, 2007
38. Pavel Podvig, "Open to question", in "Nuclear Exchange: Does Washington Really Have (or Want) Nuclear Primacy?", Peter C. W. Flory, Keith Payne, Pavel Podvig, Alexei Arbatov, Keir A. Lieber, and Daryl G. Press, *Foreign Affairs*, September/October 2006

39. Pavel Podvig, "Labyrinths of Missile Defense Cooperation", *Izvestia*, 24 June 2003 (in Russian)
40. Anatoly Diakov, Eugene Miasnikov, Timur Kadyshev, Pavel Podvig, "Ratifikatsiya nelzya otklonit. Chto delat s Dogovorom o strategicheskikh nastupatelnykh potentsialakh Rossii i SShA? (Ratify or Reject. What to Do with the SORT Treaty)", *Nezavisimoye voyennoye obozrenie*, 20 September 2002, p. 1 (in Russian)
41. Robert Nelson, Pavel Podvig, "Miniatyurnyye yadernyye mify (Miniature nuclear myths)", *Izvestia*, 24 April 2002, p. 4
42. Anatoly Diakov, Timur Kadyshev, Eugene Miasnikov, Pavel Podvig, "Nenuzhnyye obyazatelstva (Zachem Rossii dogovor v kotorom vse ravno nichego ne budet? (Needless obligations. Why does Russia want a treaty with no substance?))", *Izvestia*, 18 March 2002, p. 4
43. Pavel Podvig and Frank von Hippel, "Take Russia's 'Yes' for an Answer", NYU Global Beat Syndicate, March 18, 2002
44. Pavel Podvig, "For Russia, little loss, little gain," *Bulletin of the Atomic Scientists*, November/December 2001, pp. 23–25
45. Pavel Podvig, "Ending the Cold War Once and For All", NYU Global Beat Syndicate, November 15, 2001, <http://www.nyu.edu/globalbeat/syndicate/podvig111501.html>.
46. Anatoli Diakov, Pavel Podvig, "Na povestke dnya dogovor SNV-3 (START III is on the agenda)" *Nezavisimoye Voennoye Obozreniye*, No. 18 (191), 26 May 2000, p.1 (in Russian).
47. Pavel Podvig, "Ratifikatsiya CNV-2 teryayet aktualnost (Ratification of START II Will Not Change Anything)", *Nezavisimoye Voennoye Obozreniye*, No. 3 (176), 28 January 2000, p.1 (in Russian).
48. Pavel Podvig, Anatoly Diakov, "V poiskakh vykhoda iz tupika (A Way Out of Deadlock)" *Nezavisimoye Voennoye Obozreniye*, No. 25, 2 July 1999, p.1 (in Russian).
49. Anatoly Diakov, George Lewis, Pavel Podvig, Theodore Postol, "Razrusheniye Dogovora po PRO? (The End of the ABM Treaty?)" *Nezavisimoye Voennoye Obozreniye*, No. 37, 3 October 1997, p.1 (in Russian).
50. Vladimir Belous, Pavel Podvig, "Kak sokhranit Dogovor po PRO?" *Nezavisimaya Gazeta*, 11 July 1996.
51. Pavel Podvig, "Izmeneniye Dogovora po PRO ili otkaz ot nego? (Are We Changing the ABM Treaty or Abandoning It?)" *Nezavisimaya Gazeta*, 23 September 1994, p. 5 (in Russian)

Presentations, panels, and testimonies

1. Anatoli Diakov, Pavel Podvig, "Nuclear Spent Fuel Management: Russian Federation," Presentation at "The Challenges of Nuclear Spent Fuel Management: Lessons from Around the World," Center for Science, Technology and Security Policy, American Association for the Advancement of Science, Washington, DC, June 3, 2011
2. Anatoli Diakov, Pavel Podvig, "Nuclear Spent Fuel Management: Russian Federation," Presentation at a Capitol Hill Briefing by the International Panel on Fissile Materials "The Challenges of Nuclear Spent Fuel Management: Lessons from Around the World," Washington, DC, June 3, 2011
3. Pavel Podvig, "A Russian perspective on nuclear arms control after New START," The British American Security Information Council (BASIC) and the Verification Research, Training and Information Centre (VERTIC) Congressional Briefing, Washington, DC, March 31, 2011

4. Pavel Podvig, "Securing Russian fissile materials," German Physical Society Conference, Dresden, March 16, 2011
5. Pavel Podvig, "Tactical Nuclear Weapons in Europe - a Russian Perspective," Presentation at "Nuclear Weapons and European Security – a Good Match?" Seminar by SIPRI and the Swedish Defence Research Agency (FOI), Stockholm, January 26, 2011
6. Pavel Podvig, "Future of Nuclear Arms Control - a Russian Perspective," Presentation at the International Round Table "Nuclear Weapons and Arms Control," Swedish Defence Research Agency, FOI, Stockholm, January 24-25, 2011
7. Pavel Podvig, "Highly enriched uranium and plutonium elimination programs," Presentation at the 24th ISODARCO Winter Course "Eliminating Nuclear Weapons and Safeguarding Nuclear Technologies," Andalo (Trento), Italy, 09-16 January 2011
8. Pavel Podvig, "Future U.S.-Russian arms control process", Presentation on the panel "Nuclear Reductions: the future of the U.S.-Russia process" (with Marcie Ries and Paul Ingram), Wilton Park Conference "Nuclear non-proliferation: What now after the 2010 NPT Review?" (WP1062), Wilton Park, U.K., December 13-17, 2010
9. Pavel Podvig, "Future for U.S.-Russian Nuclear Cooperation After New START," Center for Preventive Actions Roundtable, Council on Foreign Relations, New York, December 6, 2010
10. Pavel Podvig, "The Future of U.S.-Russian Arms Control," Presentation at the STEP Seminar, Princeton University, November 22, 2010
11. Anatoli Diakov, Pavel Podvig, "Spent Nuclear Fuel Management in Russia," Presentation at the Workshop on Spent Fuel, International Panel on Fissile Materials, Princeton University, November 19-10, 2010
12. Pavel Podvig, "Dangers of militarization of space," Presentation on the panel "Keep space for Peace" (with Sverre Lodgaard, Morten Bremer Mærli, and Jakob Børresen), Oslo, Norway, September 27, 2010
13. Pavel Podvig, "Russian HEU production, disposition and stocks," Presentation at the Workshop on National Fissile Materials Stocks, International Panel on Fissile Materials, Princeton University, June 4-5, 2010
14. Pavel Podvig, "New START and Missile Defense", Presentation on the panel "Strategic Arms Reduction Treaty and Missile Defense" (with Vladimir Yermakov, Mark Fitzpatrick, and Malcolm Chalmers), The Eleventh RUSI Missile Defense Conference: Refocusing European Missile Defense, Royal United Services Institute for Defence and Security Studies (RUSI), London, May 26-27, 2010
15. Pavel Podvig, "Russia, Missile Defense and Nuclear Disarmament," Strategic Missile Defence and Nuclear Stability at Low Numbers, Seminar of the Royal United Services Institute for Defence and Security Studies (RUSI), London, May 25, 2010
16. Pavel Podvig, "U.S.-Russian Arms Control: New START and Beyond," Presentation at the International Panel on Fissile Materials meeting with members of the Diet, Tokyo, March 18, 2010
17. Pavel Podvig, "U.S.-Russian Arms Control: New START and Beyond," International Panel on Fissile Materials, Tokyo, March 18-20, 2010

18. Pavel Podvig, "New START and Prospects for U.S - Russian Nuclear Reductions and Disarmament," Guest lecture, Geneva Center for Security Policy, Geneva, Switzerland, 4 March 2010
19. Pavel Podvig, "U.S.-Russian cooperation in nuclear disarmament and nonproliferation," Session D5 (Nonproliferation), American Physical Society April Meeting 2010, Washington, DC, February 13, 2010
20. Pavel Podvig, "Progress in U.S.-Russian arms control," Bulletin of the Atomic Scientists Doomsday Clock Symposium, Nuclear Security Panel, New York, 13 January 2010
21. Pavel Podvig, "2010 NPT Review Conference", Nuclear debate: Views on the NPT Review Conference, U.K. Foreign and Commonwealth Office, December 2009
22. Pavel Podvig, "The U.S.-Russia Reductions Framework Post-START", Wilton Park Conference 1008 Nuclear Non-Proliferation and the 2010 Review, Wilton Park, U.K., December 14-18, 2009
23. Pavel Podvig, "U.S.-Russian arms control talks: status and prospects", Zero Nuclear Weapons Forum, Toronto, Canadian Pugwash, November 13-15, 2009 (by teleconferencing)
24. Pavel Podvig, "Options for verification of a ban on weapons in space," Presentation at the workshop "Latest Developments on Space Security and Disarmament", Secure World Foundation and UNIDIR, United Nations, New York, October 21, 2009
25. Pavel Podvig, "A Russian Perspective on Nuclear Disarmament", Public lecture, Unitarian Universalist Church, Palo Alto, California, September 17, 2009
26. Pavel Podvig, "Russian Strategic Nuclear Forces: Plans and Projections," Guest lecture, Monterey Institute of International Studies, September 17, 2009
27. Pavel Podvig, "The Soviet Union and the Arms Race: New Evidence, Old Interpretations, and the Lessons of History", Speaker Series, History Office and Research Director's Office, Defense Intelligence Agency, Washington, DC, September 10, 2009
28. Pavel Podvig, Susan S. Voss, "Use of highly-enriched uranium in Russian reactors", 50th Annual Meeting of the Institute for Nuclear Material Management, Tucson, Arizona, July 12-16, 2009
29. Pavel Podvig, "Russian strategic forces in 2025: options and issues", Seminar "Russian and Chinese Nuclear Postures in 2025", Institut français des relations internationales (IFRI), Paris, France, June 26, 2009
30. Pavel Podvig, "Nuclear Arms Control After START: A View from Russia", Wilton Park Conference "Managing Nuclear Weapons: Reductions, Drawdown and Elimination: What Makes Sense?" Wilton Park, U.K., June 18-21, 2009
31. Pavel Podvig, "Russian Strategic Forces: Between Modernization and Disarmament", Presentation at "NATO's Deterrence Challenges" workshop, Vilnius, Lithuania, 10-12 May 2009
32. Pavel Podvig, "Russia's policy on military space", Presentation at the panel "The Space-Nuclear Nexus" (with Michael Krepon, Philip Coyle, and Dingli Shen), 2009 Carnegie International Nonproliferation Conference, Washington, DC, April 6-7, 2009
33. Pavel Podvig, "Russia and missile defense in Europe," Presentation at the panel "Russia, Europe, NATO, and the Near Abroad," (with James Goldgeier and Steven Pifer), World Affairs Council of Northern California 2009 Annual Conference "Global Priorities: Critical Choices for the Obama Administration", San Francisco, CA, April 2-3, 2009

34. Pavel Podvig, "Russia's nuclear industry", Guest lecture, Stanford class "W09-IPS-262-01 Contemporary Issues in Nuclear Energy Policy", February 18, 2009
35. Pavel Podvig, "Did Reagan's 'Star Wars' Missile-Defense Program Help Win the Cold War? Evidence from Formerly Classified Soviet Documents", Presentation at the Davis Center for Russian Studies, Harvard University, January 22, 2009
36. Pavel Podvig, "Building institutions of U.S.-Russian disarmament", Presentation at Base Camp Project meeting, Center for a New American Security, Washington, DC, December 11, 2008
37. Pavel Podvig, "Nuclear Forces: Status and Trends", Panel on Nuclear weapons and Space (with S. Pete Worden and Will Marshall), SETI Institute, Mountain View, CA, December 10, 2008
38. Pavel Podvig, "Missile defense and Russia", Presentation at the 925th Wilton Park Conference "Missile Defence and the Transatlantic Alliance", 30 October-2 November, 2008, Wiston House, U.K.
39. Pavel Podvig, "Consolidation of Weapon Materials in Russian Nuclear Complex", Presentation at a seminar of the Managing the Atom project, Belfer Center, Harvard University, October 27, 2008
40. Pavel Podvig, "Sakharov's discussion of antiballistic missile systems", Presentation at the International Conference "40 Years after Andrei Sakharov's Reflections on Progress, Peaceful Coexistence and Intellectual Freedom: Russia Yesterday, Today and Tomorrow", October 24-25, 2008, Cambridge, MA
41. Anatoli Diakov, Pavel Podvig, "Russia's plans for Angarsk", Presentation at the MIT Workshop on Internationalizing Uranium Enrichment Facilities, October 20-21, 2008, MIT, Cambridge, MA
42. Pavel Podvig, "Russian Strategic Forces: Between Modernization and Disarmament", Presentation at the Threat Reduction Agency Advanced Systems and Concepts Office (DTRA/ASCO) Concepts Roundtable, United States Air Force Academy, Colorado Springs, CO, 12-14 August 2008
43. Pavel Podvig, "Consolidation of Fissile Materials in the Russian Nuclear Complex," Presentation at the 20th Summer Symposium on Science and World Affairs, Boston, MA, July 25-August 2, 2008
44. Pavel Podvig, "Nuclear Weapons: Reducing the Risk of an Accidental Launch", Presentation at the Conference on Science and Global Security, MIT, Cambridge, MA, July 24, 2008
45. Pavel Podvig, "Consolidation of Fissile Materials in the Russian Nuclear Complex," Presentation at the 49th Annual Meeting of the Institute of Nuclear Materials Management, Nashville, TN, July 13-17, 2008
46. Pavel Podvig, "Europe and Russia: Missile Defense Controversy", World Affairs Council of Northern California, San Francisco, June 24, 2008
47. Pavel Podvig, "Leo Szilard Lectureship Award Talk: Nuclear disarmament after the cold war," Session S6 (FPS/FHP Awards Session), APS April Meeting 2008, April 14, 2008, St. Louis, Missouri
48. Pavel Podvig, "After the Moscow Treaty: Sorting out the Future of US-Russian Bilateral Arms Agreements," Presentation at the Program on Arms Control, Disarmament, and International Security at the University of Illinois at Urbana-Champaign, March 28, 2008.

49. Pavel Podvig, "The State of Russian Nuclear Forces and Treaties," Presentation at the panel "Russia and the West: Perspectives on Foreign Policy" (with Carol Leff, David Satter, and Colin Flint), "Russia at the Crossroads", 2008 Current Affairs Forum, University of Illinois at Urbana-Champaign, March 27, 2008.
50. Pavel Podvig, "Did Star Wars Help End the Cold War? Evidence from Newly Discovered Soviet Documents", Presentation at the Peace Studies Program, Cornell University, March 13, 2008.
51. Pavel Podvig, "From Dmitri Ustinov to Dmitri Medvedev: Changes and continuity in the Russian military industry", Presentation at the 32nd Annual Stanford/Berkeley Conference on Russian, East European and Eurasian Studies. Stanford University, March 7, 2008
52. Pavel Podvig, "The Russian nuclear forces by 2025: possible options," Institute de Relations Internationales et Strategiques (Institute for International and Strategic Studies) and Délégation aux Affaires stratégiques, Ministère de la Défense (Delegation for Strategic Affairs, Ministry of Defense), Breakfast seminar series, Paris, France, February 8, 2008
53. "The Sputnik Legacy", CREEES Roundtable, 13 November 2007, Stanford University (with David Holloway, J. David Powell, and Donald Kennedy)
54. "Front end of nuclear cycle", Panel of the workshop "The Security Implications of Increased Global Reliance on Nuclear Power", CISAC, Stanford University, September 19-21, 2007
55. "Consolidation of Fissile Materials in the Russian Nuclear Complex", International Panel on Fissile Materials, London, 11-13 October 2007
56. "Missile Defense Issues in U.S.-Russian Relations", Nuclear Proliferation: History and Current Problems Conference, Florence, Italy, 5 October 2007
57. "Missile Defense in Europe from Russian Perspective", IALANA Meeting, Florence, Italy, 3 October 2007
58. "Did 'Star Wars' Win the Cold War? Evidence from Newly Discovered Soviet Documents", CISSM Research Seminar, University of Maryland, 13 September 2007
59. "The Window of Vulnerability that Wasn't. New Data on Soviet Strategic Capabilities", CISAC Science, Technology and Security Seminar, Stanford, April 24, 2007
60. "Did 'Star Wars' Win the Cold War? Evidence from Newly Discovered Soviet Documents", CISAC Research Seminar on International Security & Social Science, Stanford, April 19, 2007
61. "The Global Prompt Strike Plan: Russia's Perspective", Program on Science and Global Security, Princeton University, 23 March 2007.
62. "The Global Prompt Strike Plan: Russia's Perspective", Committee on Conventional Prompt Strike Capability, National Academy of Science, Washington, DC, 22 March 2007.
63. "Russia and Non-proliferation", Managing Global Insecurity project, Stanford University, 16-17 March 2007.
64. "Putin's Russia: Assertiveness and Insecurity", CISAC Directors' Seminar, Stanford University, February 21, 2007 (with David Holloway and Gail Lapidus)
65. "Russia and the Global Strike Plan", PONARS Policy Conference, CSIS, Washington, DC, 8 December 2006
66. "Soviet Missile Defense Programs in the 1980s", Physics colloquium, California Polytechnic State University, San Luis Obispo, 9 November 2006.

67. "The Proposed D-5 Trident Conversion and the impact on Russia's Early Warning System", Center for Science, Technology and Security Policy, AAAS Congressional Presentation Series, 2105 Rayburn House Office Building Washington, DC, 6 October 2006
68. "The Global Strike Plan and the Russian Early-Warning System," Center for Media and Security, Washington, DC, 6 October 2006
69. "Did Star Wars Win the Cold War? New Evidence on Strategic Competition in the 1980s", Program on Science and Global Security, Princeton University, September 5, 2006
70. "The Current Status of the Russian Nuclear Forces", Guest lecture, Seminar on Russian Foreign Policy, Naval Postgraduate School, Monterey, CA, June 1, 2006
71. "Soviet Response to the SDI Program," Presentation at the CISAC Science Fellows Meeting, CISAC, Stanford, April 18, 2006
72. "Russian Nuclear Forces Adjust to New Realities", School of International Relations and Public Affairs, Fudan University, May 15-16, 2006
73. "Russia's Record on Nuclear Security", Presentation at the Aspen Institute Meeting "Russia: Prospects for a Common Transatlantic Agenda", Wilton Park, U.K. April 7-9, 2006
74. Address to the Annual Science & Human Rights Program Reception honoring Dr. Igor Sutyagin, AAAS Annual Meeting, St. Louis, February 18, 2006.
75. "Spymania in Russia", Institute of Slavic, East European and Eurasian Studies, University of California, Berkeley, February 8, 2006.
76. "The Dangers of Accidental Ballistic Missile Launch", Science, Technology and Society Program, MIT, November 15, 2005
77. "Spent Fuel Storage in Russia: Practical Considerations", Managing the Atom Project, Harvard University, November 14, 2005
78. "Spent Fuel Storage in Russia: Practical Considerations", Program on Science and Global Security, Princeton University, November 11, 2005
79. "The Dangers of Accidental Ballistic Missile Launch", Center for International and Security Studies at Maryland, University of Maryland, November 10, 2005
80. "The KGB, Secrecy & Spymania vs Science in Today's Russia", Center for Russian, East European and Eurasian Studies, Stanford University, November 1, 2005.
81. "The Dangers of Accidental Ballistic Missile Launch", Science, Technology and Security Seminar, CISAC, Stanford University, October 25, 2005
82. "Space Mines in Anti-Satellite Role", Science, Technology and Security Seminar, CISAC, Stanford University, May 10, 2005
83. "North Korea and Its Nuclear Program", in Talk with America, Voice of America, Russian Service (with Georgiy Kunadze, former Russian Ambassador in South Korea), April 11, 2005
84. "Challenges to the Nuclear Nonproliferation Regime", Master of International Relations at San Francisco State University and United Nations Association of San Francisco, Seminar on the Report of the High Level Panel on Threats and Challenges, San Francisco State University, March 17, 2005
85. "Russian Strategic Forces in the Next Decade", Guest lecture, Seminar on Russian Foreign Policy, Naval Postgraduate School, Monterey, CA, March 9, 2005
86. "Reducing the Risk of Accidental Launch: Time for a New Approach?", PONARS Policy Meeting, Washington, DC, February 4, 2005

87. "The Russian Military Space Program", Security for a New Century Seminar, U.S. Congress, February 3, 2005
88. "Russia and Militarization of Space", Presentation at the Stimson Center, Washington, DC, February 2nd, 2005
89. "The Russian Military Space Program", Science and Global Security Program, Princeton University, February 1, 2005
90. "Russia and Weaponization of Space", Presentation at the CISSM/ISKRAN Workshop on Outer Space and International Security, University of Maryland, College Park, MD, January 28, 2005
91. "Reducing the Risk of Accidental Launch: Time for a New Approach?", Science, Technology and Security Seminar, CISAC, Stanford University, January 11, 2005
92. "The Russian Military Space Program", Science, Technology and Security Seminar, CISAC, Stanford University, November 30, 2004
93. "Russian Policy on Missile Defense after the ABM Treaty", 4th INESAP Conference of the Project "Moving Beyond Missile Defense", Hiroshima, Japan, October 8-11, 2004
94. "Missile Defense in the Soviet Union and Russia", Program on Science and Global Security Seminar, Princeton University, July 8, 2004
95. "Russia's Security Policy", Ditchley Foundation Seminar, Ditchley, U.K., April 24-25, 2004
96. "Weaponization of Space", Lecture, "Science, Technology and Public Policy" Class, Princeton University, March 8, 2004
97. "Tracking Objects in Space", AAAS Seminar, Cambridge MA, December 5, 2003
98. "Russian Military Space Program: An Overview", Presentation the Security Studies Program, MIT, Cambridge, MA, October 30, 2003
99. "Russian Military Space Program: An Overview", Presentation at CISSM/ISKRAN Workshop on Outer Space and International Security, Washington, DC, September 29, 2003
100. "Military Roles of Small Satellites", Presentation at the FAS Advisory Panel on Weaponization of Space, April 17, 2003
101. "Security and Academic Freedom", Panel at the American Museum of Natural History, April 2, 2003.
102. "Weapons in Space: The Next Arms Control Challenge", 1st International Professional Meeting of Independent Technical Security Analysts, Chicago, July 23–24, 2002
103. "Russia and Missile Defense", Keynote address, Luncheon for senior participants, BMD International Conference and Exhibit, AIAA, Dallas, June 3–6, 2002
104. "The End of Strategic Arms Control?", Presentation at PONARS Policy Meeting, CSIS, Washington, D.C., United States, 25 January, 2002.
105. "Ending the Cold War", Presentation at the Institute of Policy Studies seminar "Weapons of Mass Destruction: Cold War Legacies in the Post-911 World," New York University, New York, United States, 27 November 2001.
106. "Possible Approaches to Limiting Tactical Nuclear Weapons", Presentation at the UNIDIR seminar "Time to Control Tactical Nuclear Weapons," New York, United States, 24 September 2001.
107. "Revolution in Military Affairs: Challenges to Russia's Security", Presentation at the VTT Energy STYX Seminar, Helsinki, Finland, 4 September 2001.

108. "The Russian Early-Warning System: If It's Broken—Should We Fix It?", Presentation at the Center for Global Security Research, Lawrence Livermore National Laboratory, July 3, 2001
109. "Russian Early-Warning System," Presentation at a seminar at the Center for International Security and Cooperation, Stanford University, July 2, 2001
110. "Status of the Russian Early-Warning System," Presentation at the Center for Nonproliferation Studies, Monterey Institute of International Studies, June 28, 2001
111. "Russian Strategic Forces in 2001", Presentation at the Congressional Seminar Series organized by the Russian-American Nuclear Security Advisory Council, Washington, D.C., June 8, 2001
112. "Russia and the ABM Treaty", Invited speaker at the Russian Program, Princeton University, U.S., March 29, 2001.
113. "U.S. Missile defense policy from Russian perspective", Presentation at the seminar "NMD and TMD after the US elections" held by the Institute of Peace Research and Security Policy at the University of Hamburg, Berlin, Germany, February 13 -15, 2001.
114. "Recent developments in the Russian missile defense policy", Presentation at PONARS Policy Meeting, Washington, D.C., U. S., December 8, 2000.
115. "What is behind Russia's boost-phase defense offer?", Presentation at a seminar at the Center for International security and Cooperation (CISAC), Stanford University, U.S., October 16-18, 2000.
116. "Framework for a START III–ABM Treaty Compromise" Presentation on a panel at Sandia National Laboratories Tenth International Arms Control Conference, Albuquerque, U.S., April 14–16, 2000.
117. "Russian Policy on the ABM Treaty" Testimony before the Standing Committee on Foreign Affairs and International Trade, House of Commons, Ottawa, Canada, 2 March 2000
118. "Russian Policy on the ABM Treaty" Testimony before the Standing Committee on National Defence and Veterans Affairs, House of Commons, Ottawa, Canada, 29 February 2000
119. "Missile Defense and the Future of Arms Control" Presentation at the VTT Energy STYX Seminar on Missile Defense and European Security, Helsinki, Finland, 2 September 1999.
120. "Russian Strategic Forces" Presentation at the Conference "The Future of Russian–US Strategic Arms Reductions: START III and Beyond", Cambridge, U.S.A., February 2–6, 1998)