

ABOUT THE SPEAKERS

Samuel BLACK

Samuel Black is a Research Associate with the Henry L. Stimson Center. He previously worked as a Research Assistant for the Center for Defense Information. He received his MPP in 2008 and BA in 2006, both from the University of Maryland.

Einar BJORGO

Einar Bjorgo is Head of Humanitarian Rapid Mapping for the UN Institute for Training and Research Operational Satellite Applications Programme.

G rard BRACHET

G rard Brachet chaired the United Nations Committee on the Peaceful Uses of Outer Space during the period June 2006–June 2008. He is a member of the International Academy of Astronautics since 1992 and chaired its Commission Five: Space Policy, Regulations and Economics in 2006 and 2007. He is also Vice President of the Air and Space Academy/Acad mie de l'Air et de l'Espace, of which he chairs the Space Committee.

Nancy GALLAGHER

Nancy Gallagher is Associate Director for Research at the Center for International and Security Studies at Maryland and Senior Research Scholar at the University of Maryland's School of Public Policy. She was the Executive Director of the Clinton administration's Comprehensive Test Ban Treaty Task Force. She is the author of *The Politics of Verification* and numerous other academic and policy-oriented works on cooperative security.

Theresa HITCHENS

Theresa Hitchens is Director of the Center for Defense Information, and leads its Space Security Project, in cooperation with the Secure World Foundation. Editor of *Defense News* from 1998 to 2000, Hitchens has had a long career in journalism, with a focus on military, defense industry and NATO affairs. She also was director of research at the British American Security Information Council. Hitchens serves

on the editorial board of *The Bulletin of the Atomic Scientists*, and is a member of Women in International Security and the International Institute for Strategic Studies.

Alexander KARL

Alexander Karl holds a degree in astronautical engineering from the Aachen University of Applied Sciences. He worked at the Max Planck Institute for Radioastronomy on a scientific subsystem for the Herschel satellite. He then went on to pursue a Master in Space Exploration and Development Systems from the Politecnico di Torino, Italy. Karl is the Co-Chairperson of the Space Generation Advisory Council since March 2007 and has been involved with the organization since 2005.

David KOPLOW

David Koplow has been a professor of law at the Georgetown University Law Center in Washington, DC, since 1981. His primary fields for teaching and scholarship involve public international law and national security law, with a particular emphasis on arms control, non-proliferation and anti-terrorism. He served as Attorney-Advisor and as Special Assistant to the Director of the US Arms Control and Disarmament Agency from 1978 to 1981, and as Deputy General Counsel for International Affairs at the US Department of Defense from 1997 to 1999.

Garold LARSON

Garold Larson, a career Foreign Service Officer with the US Department of State, is Deputy Permanent Representative of the US Mission to the Conference on Disarmament. Since his entry into the Foreign Service in 1984, he has served in Copenhagen, Dhahran, London, Washington, Paris, and Sarajevo. His most recent posting was as Economic Counselor, then Deputy Chief of Mission, in Budapest. Larson holds the rank of lieutenant colonel in the US Air Force Reserves, with more than 4,000 flying hours and the rating of Command Pilot.

Andrey MAKAROV

Andrey Makarov is a specialist in the field of space military activities and space security in the General Directorate of International Military Cooperation of the Russian Ministry of Defence. Since 1980, he has held various posts in the Strategic Missile Forces and Space Forces.

Makarov is a 1985 graduate of the Missile Forces School of Kharkov, and holds the rank of colonel.

Geraint MORGAN

Geraint Morgan is an analytical chemist with over 15 years of experience in the application and development of mass spectrometer systems for terrestrial and space flight applications. He was Project Scientist for the Ptolemy instrument onboard the current ESA Rosetta Mission and Project Scientist/System Engineer for the Gas Analysis Package onboard the Beagle 2 Mission. Morgan was Research Director for the Wellcome Trust project to investigate the translation of space technology to terrestrial issues.

Francesco PISANO

Francesco Pisano is Head of Institutional Affairs for the UN Institute for Training and Research Operational Satellite Applications Programme.

Tommaso SGOBBA

Tommaso Sgobba is Head of the Product Assurance and Safety Office, Research Operations Department, ESA Directorate of Human Spaceflight, Microgravity and Exploration. He also chairs the ISS Payload Safety Review Panel at ESA, and the ATV Re-entry Safety Review Panel. Sgobba is President and co-founder of the International Association for the Advancement of Space Safety, and Vice-President and co-founder of the International Space Safety Foundation based in California. He holds an MS in Aeronautical Engineering from the Polytechnic of Turin, where he was Professor of Space System Safety from 1999–2001.

Yvette STEVENS

Yvette Stevens recently retired from the United Nations, where she served as Assistant Emergency Relief Coordinator and Director of the Office for the Coordination of Humanitarian Affairs in Geneva from 2004 to 2006. An engineer by training, Stevens studied at the Moscow Power Engineering Institute and at the Imperial College of Science and Technology, University of London. Before her last assignment, she was the Director at the United Nations Office of the Special Adviser on Africa in New York, having served as the Special Coordinator for Africa and the Least Developed Countries in the United Nations Department of Economic and Social Affairs from 1999 to 2003.

Victor VASILIEV

Victor Vasiliev is Deputy Permanent Representative of the Russian Federation to the United Nations Office and other International Organizations in Geneva. After graduating in 1989 from the Moscow State Institute of International Relations he joined the diplomatic service. Vasiliev has participated as a member of the Soviet/Russian delegations at various international forums, including the NPT 1995–2005 Review Conferences, sessions of the UN General Assembly First Committee, Disarmament Commission, etc. He was part of the UN Group of Governmental Experts on Verification in All its Aspects in 2005–2006.

WANG Daxue

Wang Daxue is Deputy Division Director, Department of Arms Control and Disarmament, Chinese Ministry of Foreign Affairs.

Jessica WEST

Jessica West is Program Manager for the Space Security Index at Project Ploughshares. She joined Project Ploughshares in 2006 as a Program Associate responsible for nuclear weapons and space weaponization. She has experience researching conflict and security issues at the Canadian International Development Agency and has worked as a Program Manager for the Stabilization and Reconstruction Task Force at the Department of Foreign Affairs and International Trade Canada.

Maureen WILLIAMS

Maureen Williams is Chair of the Space Law Committee of the International Law Association and permanent observer to the Committee on the Peaceful Uses of Outer Space since 1996. She is also Professor (Chair) of Public International Law, since 1993, at the University of Buenos Aires and at Belgrano University, and Head of Research Projects on international law/space law at the National Science Council of Argentina. Williams is a member of the Royal Institute of International Affairs (London), legal adviser to the Argentine Space Agency, and member of the Board of Directors of the International Institute of Space Law (International Astronautical Federation).

Pearl WILLIAMS

Pearl Williams is Senior Policy Advisor responsible for space security in the Non-Proliferation and Disarmament Division (Chemical/Biological,

Conventional, Remote Sensing), Foreign Affairs and International Trade Canada. She is a career Foreign Service Officer who has had postings to Bern, New York, Brasilia and, most recently, Accra.

Ray WILLIAMSON

Ray Williamson is Executive Director of the Secure World Foundation. Between December 1995 and April 2008, he was Research Professor of Space Policy and International Affairs in the Space Policy Institute, The George Washington University. He is also a member of the International Academy of Astronautics, serving on Commission Five: Space Policies, Law and Economics, and a member of the editorial board of the Space Policy Journal. He was recently Vice-Chairman of the US National Oceanic and Atmospheric Administration's Advisory Committee on Commercial Remote Sensing.