

## List of speakers and biographies

**Josef ASCHBACHER** is Head of the GMES Space Office at the European Space Agency. His main task is to coordinate programmatic aspects of GMES including the cooperation with the EC and the establishment of the programme's long term funding. From 2001-2006 he was Programme Coordinator in the Directorate of Earth Observation Programmes at ESA's HQ in Paris and from 1993-2000 he was the Scientific Assistant to the Director at the EC Joint Research Centre in Ispra, Italy.

Josef Aschbacher has a PhD and Masters degree in Natural Sciences from the University of Innsbruck, Austria. He has more than 25 years of working experience in Earth observation including the implementation of GMES, a European flagship programme in space.

**Gérard BRACHET** is Consultant in space policy, Vice-President of the International Astronautical Federation (IAF), Chairman of its Committee on Liaison with International Organizations and Developing Nations (CLIODN), President of the Air and Space Academy (Académie de l'Air et de l'Espace), Member of the International Academy of Astronautics.

Engineering degree from the Ecole Nationale Supérieure d'Aéronautique (1967)

Master of Sciences in Aeronautics and Astronautics from the University of Washington (1968)

1970 to 1982: various positions at Centre National d'Etudes Spatiales (CNES), the French Space Agency

Chairman of the European Space Agency's Programme Board for Earth observation from 1979 to 1981

1982 to 1994: Chairman and Chief executive officer of SPOT IMAGE, the company set up by CNES to develop the market for remote sensing imagery from the SPOT series of satellites.

1995, back at CNES as Director for programmes, planning and industrial policy

Director General of CNES from 1997 to 2002

Chairman of the international "Committee on Earth Observation Satellites (CEOS)" in 1997

From 2003 onwards, consultant on space policy issues and space applications, advising industry and government institutions, in particular the European Commission and the European Space Agency.

Research associate at Fondation pour la Recherche Stratégique (FRS), Paris.

From June 2006 to June 2008, chairman of the United Nations Committee for the Peaceful Uses of Outer Space (UN COPUOS)

Awards:

1985: "1985 Laurels" of Aviation Week and Space Technology

1992: Brock Gold Medal Award of the International Society for Photogrammetry and Remote Sensing

1994: Gold Medal of the British Remote Sensing Society

2007: "Social Sciences Award" of the International Academy of Astronautics.

Officier de l'Ordre National du Mérite

Officier de la Légion d'Honneur.

**Maria BUZDUGAN** is a legal officer in the EU satellite navigation programmes: Legal, Financial and Institutional Aspects unit of DG Enterprise at the European Commission. She handles a broad range of legal issues in the context of the European GNSS programmes, including the procurement of contracts for the full operational capability phase of the Galileo programme. Previously she worked as an attorney in the space business group of *Milbank, Tweed, Hadley and McCloy*, a New York-based law firm, where she represented satellite companies in the development, acquisition, and financing of satellite projects. Her experience includes commercial space industry contracts, satellite financing, space insurance and risk management.

**Patrick CHATARD-MOULIN.** Since the first September 2011, he has joined the Space Policy and Coordination Unit of the European Commission (DG Enterprise and Energy) where he will now deal with international relations and in particular the "Space Dialogues" .

For five years in the Council General Secretariat and later in the European External Action Services he worked on Space, Security and Defence issues. His duties included the operational direction of the EU Satellite Centre but he also contributed to the development on the security dimension to the European Space Policy and on the EU Space initiatives and programs, GMES Galileo and Space Situational Awareness.

Prior to joining the Communities, he served as a Project Officer in the Capability Directorate of the European Defence Agency (EDA). He was in charge of Software Radio, SATCOMS and Space Capabilities. For two years, he created and chaired several expert groups with the member States, and initiated several cooperative projects.

Patrick has served for more than 15 years in the French Air Force as an Engineering Officer working mainly on Space and Information Systems.

Patrick graduated the French Air Force Academy, and later Telecom Paris as a Satcom Engineer. He is an Alumnus of the International Space University where he has been invited to lecture.

**Rik HANSEN** is a Doctoral Researcher at the Leuven Centre for Global Governance Studies and at the Law Faculty of the University of Leuven. Prior to embarking on his doctoral research, which is concerned with the age-old question in space law as to the delimitation of airspace and outer space, he worked on a one-year FP7-funded research project on Procurement in the European Space Sector. This project was conducted jointly by the University of Cologne, the Charles University of Prague and the Leuven Centre for Global Governance Studies at the University of Leuven and has resulted in the publication of the book "A Coherent European Procurement Law and Policy for the Space Sector. Towards a Third Way" (Lit Verlag, Berlin, 2011).

**Olivier JEHIN** is a Journalist specializing in EU affairs, Olivier Jehin joined Agence Europe in January 1999. He served as deputy editor and then editor. He devoted himself successively to institutional issues, research, health and drug policy, as well as security and defense. He is currently the editor of "Europe Diplomacy & Defence", the twice-weekly publication of Agence Europe devoted to European defense and NATO.

Olivier Jehin is a member of the Réseau Multidisciplinaire d'Etudes Stratégiques, and regularly contributes to the work of various think tanks.

He is a former head of Ifri Bruxelles, the office of the Institut français des relations internationales in Brussels.

**Jan KOLAR** graduated in nuclear physics from Czech Technical University (CTU) in Prague where he received his PhD in space physics. He has been participating in Earth observation sector for more than 30 years in both academical and commercial activities. During last 15 years, he actively builds the Czech space infrastructure. He is director of the Czech Space Office and represents the Czech Republic at space-related bodies in both EU and ESA.

**Pierre-Louis LEMPEREUR** is the Chairman of the Council Working Party on Disarmament and Space and Counsellor in the Non-Proliferation and Disarmament Department of the European Union External Action Service (EEAS), Brussels, Belgium. Prior to his current position, he was Counsellor in the Office of the Personal Representative of the EU High Representative for Non-Proliferation Issues at the Council of the European Union. Mr. Lempereur previously served as First Secretary at the Office of the Council of the European Union to the United Nations, as well as advisory positions such as Assistant European Correspondent at the European Commission and Adviser to the Delegation of the European Commission. Mr. Lempereur holds degrees from the College of Europe, the Ruprecht-Karls-Universität, the Free University of Brussels, the Institut d'Etudes Politiques, the University of California, Los Angeles, and Georgetown University.

**Agnieszka LUKASZCZYK** is a Space Policy Consultant for Secure World Foundation. With experience in the international space policy arena, at an executive level, Lukaszczyk has become known throughout the space industry as a thought leader and collaborative facilitator. Currently, Lukaszczyk is based in Brussels, Belgium where she is spearheading and actively facilitating international dialogue regarding space policy. Her work involves working with the European institutions on space policy matters. In addition Agnieszka Lukaszczyk works closely with the United Nations (UN) civil space activities covering the UN Committee on the Peaceful Uses of Outer Space (COPUOS) and working closely with the UN Office of Outer Space Affairs (OOSA). Since 2006, Lukaszczyk has served as the Executive Officer for the Space Generation Advisory Council (SGAC) in support of the UN Programme on Space Applications, and is now SGAC Chairperson. In addition, during the period of September 2006 to June 2008, Agnieszka was a researcher at the European Space Policy Institute. Agnieszka is also the Vice President - Europe for World Space Week.

Lukaszczyk holds a Bachelor's of Science in Political Science, from the University of Tennessee and a Masters from the American University School of International Service in International Politics. She also studied at the Universite Catholique de Louvain in Brussels, Belgium; the Jagiellonian University in Krakow, Poland and the World Trade Institute in Berne, Switzerland. She gained professional experience at the Political Section of the Polish Embassy in Washington DC, American Electronics Association in Brussels, European Department of the Polish Senate in Warsaw and the Warsaw Business Journal.

**Tanja MASSON-ZWAAN** is Deputy Director of the International Institute of Air and Space Law at Leiden University. Tanja has specialised in the field of air and space law since 25 years. She currently teaches air and space law in the advanced Masters programme (LLM) in air and space law of Leiden University, and carries out various research activities. She is the President of the International Institute of Space Law (IISL) and has published papers on a variety of topics over the years. She lectures on space law all over the world, advises the Dutch government and other national and international bodies on matters relating to space law, and attends the sessions of the United Nations Committee on the Peaceful Uses of Outer Space as an observer. After obtaining her masters degree in international law, she was Co-Director of the International Institute of Air and Space Law (IIASL) at Leiden University from 1985-1990. Tanja spent almost 15 years abroad before returning to the Institute in 2008. During her expatriation, she set up and taught courses in air and space law at the National University of Singapore, worked as a consultant in France for industrial and institutional clients, and served many years as Executive Secretary of the IISL. She created Adastra Consulting after having moved back to The Netherlands in 2004 and worked as an independent consultant on various projects in the fields of air and space law.

Tanja is a recipient of the Distinguished Service Award of the IISL (2001) and of the Social Sciences Award of the International Academy of Astronautics, IAA (2008). She is a member of various professional organisations such as the International Astronautical Academy (IAA, Full Member), the Académie de l'air et de l'espace (ANAE, France), the International Law Association (ILA, including its Space Law Committee and the Netherlands' Branch NVIR), the European Centre for Space Law (ECSL), of which she was a Board Member from 1989 - 1996. She is a Faculty member of the London Institute of space policy and law, Board member of Women in Aerospace-Europe (created in 2009), and the Netherlands Society for Aerospace (NVR), an Advisory Board member of HE Space Operations, of Space Generation Advisory Council (SGAC), and of the Asian Journal of Air and Space Law (National University of Juridical Sciences, Kolkata, India).

**Gaëlle MICHELIER** is policy officer in the Space policy and coordination Unit of DG ENTR since July 2010. She has been in charge of preparing the Communication adopted last April entitled "Towards a Space Strategy for the European Union that benefits Its Citizens". She is now dealing with space industrial policy. Before joining this team, she took care of innovation and SME policy, as assistant to Mrs Le Bail, the Commission former SME Envoy. From April 1998 to September 2002, she was Inspector, Inspection générale de l'administration (IGA), Ministry of Interior, Paris, France. From November 2000 to

September 2002, she was Secretary General, Assistant to the Chef du corps, Ministry of Interior, Paris, France. From October 2002 to October 2005, she was First Secretary, Economic and Trade Section, Delegation of European Commission at Moscow, Russia. From April 2006 to September 2007, she was Tax policy Officer, at DG Taxud, European Commission. She is graduated from ENA (Ecole Nationale d'Administration, from IEP Paris (Institut d'études politiques de Paris), from University Paris Panthéon-Sorbonne (Law degree), and from HEC (Ecole des Hautes Etudes Commerciales).

**Laurence NARDON** is head of the Space Policy Program at Ifri. Prior to joining ifri, Laurence Nardon was a research analyst at Aérospatiale (now EADS Space Transportation), then at the Ecole des Hautes Etudes en Sciences Sociales (EHESS) where she participated in an "Observatory on U.S. military Strategy". She was a Senior Visiting Fellow at the Center for Strategic and International Studies (CSIS) in Washington, DC from 2001 to 2003. Laurence holds a Ph.D. in political science from Université Paris-1 Panthéon-Sorbonne. She studied at the University of Kent at Canterbury, after graduating from Institut d'Etudes Politiques de Paris. Her dissertation on "Space Observation as an Instrument of Power in International Relations, the U.S. and their Observation Satellites, 1955-1985" received the highest marks. An English version was published as an article in *Astropolitics*. Most of her publications, either on space policy or U.S. policy issues, are accessible online on the Ifri website. She also coordinates the chapter on the United States in the annual Ifri report Ramses. In the Fall of 2000, Laurence was a Post-Doc Fulbright Scholar at the Space Policy Institute at George Washington University.

**Pierre-Henri PISANI** has been involved with CNES for more than 30 years and currently, he is representing CNES to the European Institutions. He is also the president of CLORA for the period 2010-2011. Pierre-Henri has an international carrier in countries such as Belgium, Czech Republic, Austria, France, Africa and China. More specific, the first half of 2009, he was seconded by CNES to Prague to support the Czech EU presidency. For four years (2005-2009) he was Senior Research Fellow at ESPI (Vienna) on secondment from CNES. While, from 2003-2005 he was on secondment from the French Ministry of Foreign Affairs to UNESCAP (Economic and Social Commission for Asia and the Pacific) to implement projects on space applications and disaster management. As a Senior Regional Officer (1998-2003) in the Directorate of International Relations, Pierre-Henri was in charge of establishing, developing and strengthening co-operation with Eastern Mediterranean and Western Asian countries as well as with Iran, Japan, the Republic of Korea Pakistan, and ASEAN Member States. Moreover, from 1994-1998 he was responsible for developing the relations with the People's Republic of China. He was ensuring representation of CNES in the French delegations: - to COPUOS and its sub-committees - to ITU WARC's - to the Conference on Disarmament during this period.

**Michael SIMPSON** became Senior Program Officer of the Secure World Foundation in September 2011 following seven and a half years as President of the International Space University.

An internationalist by education and inclination, Simpson's academic career extends over 36 years and four continents. In addition to his tenure at ISU, he has been president of Utica College and the American University of Paris with a combined total of over twenty-two years of experience as an academic chief executive officer.

Simpson has taught courses in political science, international relations, business management, leadership and economics at Universities in both the United States and France and holds a post as Professor of Space Policy and International Law at ISU. He received his Bachelors Degree magna cum laude from Fordham University in 1970 where he was elected to Phi Beta Kappa. He has also been elected to academic honor societies in the fields of political science and business management. He is a corresponding member of the International Academy of Astronautics.

After graduating from Fordham University, Simpson accepted a commission as an officer in the U.S. Navy, retiring from the Naval Reserve in 1993 with the rank of Commander. He completed his Ph.D. at Tufts University, The Fletcher School of Law and Diplomacy, holds the Master of Business Administration from Syracuse University; and two Master of Arts degrees from The Fletcher School. He has also

completed two prestigious one year courses in Europe: the French advanced defense institute (Institut des Hautes Études de Défense Nationale) and the General Course of the London School of Economics.

He is the author of numerous scholarly papers, presentations, articles and book contributions and his practical experience includes service as a Political Military Action Officer, observer representative to the UN Committee on the Peaceful Uses of Outer Space, and member of the Association of Space Explorers International Panel on Asteroid Threat Mitigation. He currently serves on the Commercial Spaceflight Safety Committee of the IAF, the Executive Committee and Board of Directors of the World Space Week Association, and, in the United States, the Board of Governors of the National Space Society. He is a founding Trustee of Singularity University and an emeritus director of the Utica College Foundation.

**Denis TRIOLAIRE** is Rear Admiral. He joined the French Navy in 1976. During his career he has been involved in a large frame of naval operations and has served on board of frigates and aircraft carriers. He has been three times in command at sea. His last appointments covered a various range of responsibilities in the Navy and Joint Staffs before he joined the European Defence Agency in January 2009.

He graduated the Naval Academy, the National Telecommunication Engineer School of Paris, the Naval War College and the High Armament Studies Course (CHEAr).

He is an Officer in the national orders of "Légion d'Honneur" and "Mérite".

**Christophe VENET** is Research Associate to the Space Policy Program at Ifri. Christophe was Research Assistant and then Associate Fellow at the European Space Policy Institute (ESPI) from 2009 to 2010. Previously, he worked as a Research Assistant at the Institute of Political Science, Tübingen University (Germany). Christophe Venet graduated from the Institut d'Etudes Politiques de Strasbourg and holds a Masters degree in peace studies and international politics from Tübingen University. He also spent an academic exchange year at the Moscow State Institute of International Relations (MGIMO). He is a PhD candidate at the Institut d'Etudes Politiques de Paris and the Institute of Political Science, Tübingen University. His dissertation deals with EU policy in the field of space and security, focusing on the actorness of Europe and on interests and norms underlying the policy processes within the European Space Policy.