



Annual Space Conference

“Orbital Slots and Spectrum Use in an Era of Interference”

Thursday, October 9th, 2014

Thon Hotel EU Brussels
75, rue de la Loi, 1040 Brussels





Agenda

8:30 – Registration and coffee

9:00-9:15 – Welcoming Remarks

Guilhem PENENT, Research Associate, Ifri and **Victoria SAMSON**, Washington Office Director, SWF

9:15-11:00 – Panel 1: Interference and Freedom of Information

Media broadcasters and satellite operators continue to experience intentional interference on broadcast signals by some actors trying to prevent information to reach the public. In addition, as satellites begin to provide more telecommunication services such as internet access, they must deal with new pressure to control or manage the free flow of information. This session will examine the balance between freedom of information and national sovereignty across both of these issues.

Moderated by **Guilhem PENENT**, Research Associate, Space Program, Ifri

Simon SPANSWICK, Chief Executive and founder director of the Association for International Broadcasting (AIB)

Yasir HASSAN, Director of Transmission Operations, Arabsat

Michel de ROSEN, Chairman and CEO, Eutelsat

Yvon HENRI, Chief of the Space Services Department (SSD) at the Radiocommunication Bureau, International Telecommunication Union (ITU).

Eanna O'CONGHAILE, Ireland's representative at the Council of Europe's Steering Committee on Media and Information Society (CDMSI) and member of the CDMSI Bureau

11:00-11:30 – Coffee break

11:30-13:00 – Panel 2: Interference and Telecommunication Services

A second area of concern is about existing and potential interference occurring as a result of mobile terrestrial services deploying into the frequencies which have been allocated to and used by the satellite industry. This panel will shed light on issues of sharing and compatibility between terrestrial and space systems using in particular the C-band. It will notably explore the regulatory, economic and industrial ramifications of this issue in the context of the upcoming WRC-15 conference.

Moderated by **Aarti HOLLA-MAINI**, Secretary General, European Satellite's Operator Association (ESOA)



Francis NGABO, Director of ICT Scarce Resources Management in the Rwanda Utilities Regulatory Authority (RURA)

Nigel FRY, Head of Distribution BBC World Service Group

Cecil AMEIL, Senior Manager European Affairs, SES

Juan Carlos MUÑOZ-DELGADO, Head of Mobile and Secure Communications Section (TIA-TFM) Directorate of Telecommunications and Integrated Applications, European Space Agency (ESA)

13:00-13:30 – Keynote speech

Roberto VIOLA, Deputy Director General, DG Connect, European Commission

13:30-15:00 – Buffet lunch

15:00-16:30 – Panel 3: Interference and the Governance of the Geostationary Arc

Unintentional non-voluntary interference remains the highest contributor to the number of events witnessed by satellite actors today. These are a consequence of the growing occupation and exploitation of the geostationary arc for which accommodation must be found between neighboring satellites and services in order to maintain its full potential. This panel will discuss the consequences of the arrival of new entrants on the so-called “rational” drive for more efficient use of the orbit/spectrum resource.

Moderated by **Victoria SAMSON**, Washington Office Director, SWF

François RANCY, Director of the Radiocommunication Bureau, ITU

Gary L. THATCHER, Associate Director, United States International Broadcasting Bureau

Ron BUSCH, Chairman and Intelsat’s Executive Director of the Space Data Association (SDA)

16:30-16:45 – Wrap up of the day

Richard ROITHNER, Director, Satcom, Euroconsult



List of speakers and biographies



Cecil AMEIL looks back at 20 years of experience in dealing with regulatory affairs, now specialised in radio spectrum policies as well as telecommunications and broadcasting regulations. His dedicated expertise covers the impact of telecoms legislations and the challenges of future spectrum policies for communications systems, in the context of increased liberalisation in radio frequency management. Cécil Ameil has joined SES in 1998 to represent the Luxembourg-based satellite operator on public affairs and regulatory matters with the European Union (EU), the CEPT, the Council of Europe and the ITU, under the responsibility of the SES General Counsel. He's also responsible for the SES regulatory affairs in Africa and Middle East. Cécil Ameil has been the

chairperson of the working group on regulation & market access in ESOA (European Satellite Operators Association) for several years. In this capacity, he's closely following the development of communications and spectrum rules at the EU level and in Africa, and he's defending the satellite industry in the context of bilateral trade negotiations between the EU and outside countries. Cécil Ameil is also contributing to the coordination of the satellite industry's efforts to defend access to and usage of essential radio spectrum in Europe and Africa, in the context of the preparation for WRCs.



Ronald BUSCH has been with Intelsat for over 15 years. He is presently Intelsat's Vice President, Network Engineering. In this role, Mr. Busch is responsible for design and implementation of satellite-based data networks; video distribution systems and transmit/receive facilities; and design and implementation of Intelsat's global terrestrial network/fiber backbone used for interconnecting Intelsat operations and business facilities and customer sites to Intelsat Teleport gateways. Mr. Busch is also the Chairman and Intelsat's Executive Director of the Space Data Association (SDA). The SDA is a non-profit organization set up by satellite owner/operators to securely share data critical to safety and integrity of the space environment and RF Spectrum. Mr. Busch's prior role at Intelsat was Vice President, Network Operations, responsible for

overall management of Intelsat's multiple operations centers including the Data, RF, and Video Operations Centers, the Global Scheduling Center and the Mountainside Media Center. Previously, Mr. Busch has served as Intelsat's Sr. Director, Program Management. In this role he was responsible for overall program management and implementation for satellite communications ground systems, TT&C networks, and fibernetworks. Mr. Busch also has held other program management and engineering management positions within PanAmSat. Mr. Busch has over 25 years in the satellite communications field. He has held various engineering and operations positions in the U.S. Air Force, Satellite Business Systems, MCI, Timeplex and Hughes Communications. Mr. Busch earned an A.S. in Electronic Technology and a B.S. in Technology Management from Clayton State University.

Éanna Ó CONGHAILE is Ireland's representative at the Council of Europe's Steering Committee on Media and Information Society (CDMSI). He is also a member of the CDMSI Bureau which oversees the work of the Committee. Mr Ó Conghaile has a wide range of national and international policy experience in the broadcasting, media, communications, postal and energy sectors and is currently responsible for Broadcasting and Postal policy matters at Ireland's Department of Communications, Energy & Natural Resources.



Nigel FRY, BSc (hons) MIET, Head of Distribution BBC World Service Group. Nigel commenced his current role in April 2010. He has responsibility for the processes and systems used to aggregate and distribute globally, BBC World Service radio and tv services and programmes. Content in 28 languages is distributed by satellite to partners and for broadcast directly from BBC World Service's network of high power and low power transmitters. Services including BBC Arabic TV and BBC Persian TV reach an estimated weekly audience of 190million people. In his previous role as Head of Transmission & Distribution for BBC World Service, Nigel directed the business and technology transformation of the scheduling and distribution environment and re-negotiated the major services contract. Much of the current business activity is performed through major outsourced contracts. Over recent years his work has focussed on measures to protect satellite broadcasts from sources of interference. He graduated from Manchester University (then UMIST) in 1984 and joined the BBC. During his career he has been responsible for delivering a wide range of projects for national and local radio. In 1997 he was appointed programme manager for the play-out and coding and multiplex systems required to launch digital television. Following this he commenced a period of consultancy, working in India, Denmark, Iceland and South Africa. Nigel joined the World Service in 2003.



Yasir HASSAN is ARABSAT Director of Transmission Operations , Former Head of Engineering Services Center in ARABSAT. Yasir has an almost 15 years long experience in Satellite Communications, Yasir was recently appointed as Chairman of a new working group setup by the Satellite Interference Reduction Group (IRG) to combat the challenging issue of intentional interference. He is tasked with looking at technology to tackle this issue, which is not easy to solve individually.



Yvon HENRI is Chief of the Space Services Department (SSD) at the Radiocommunication Bureau of the International Telecommunication Union (ITU), in Geneva (Switzerland). Before joining ITU in 1995, he has held various management positions at France Telecom (Paris, France) and INTELSAT (Washington DC, USA) and has been involved in the satellite business for more than 25 years. ITU is the United Nations specialized agency for information and communication technologies – ICTs. We allocate global radio spectrum and satellite orbits, develop the technical standards that ensure networks and technologies seamlessly interconnect, and strive to improve

access to ICTs to underserved communities worldwide.



Aarti HOLLA-MAINI is Secretary General of the European Satellite Operators' Association (ESOA). Ms. Holla-Maini, has substantial experience in the aerospace industry, in particular in satellite business strategy and legal aspects of technological development. Previously she represented Galileo Industries, the joint venture company of EADS Astrium, Alenia Spazio, Alcatel Space and Galileo Systems y Servicios in Brussels, where she worked closely with European Institutions on the development of the public private partnership scheme and management aspects of the Galileo programme. Ms. Holla-Maini started her career in the aerospace industry at DaimlerChrysler Aerospace (now EADS) in Munich, Germany. Responsibilities included

posts in the Project & Trade Finance Department and in the Space Strategy Division. She went on to become project manager for a new digital audio broadcast venture that was being evaluated by EADS at the time before making the move to Brussels in 2000 to Galileo Industries. Ms. Holla-Maini holds an MBA from HEC in France, a diploma in German law from the University of Passau, Germany and a law degree from King's College at the University of London. She has regularly given workshops on negotiation skills for young managers. She qualified as a Solicitor of the Supreme Court in London in 1995, working with the law firm of Pannone Pritchard Englefield. She lives in Brussels and speaks five languages.



Francis NGABO is Director of ICT Scarce Resources Management in the Rwanda Utilities Regulatory Authority (RURA). Mr. Ngabo held different positions between 2010 and 2012 as Co-Chair of the Broadcasting Technical Task Force in East Africa Communications Organization (EACO), Team Leader of the National Digital Migration technical Subcommittee on Analogue to Digital Migration, Member of the Regulatory Subcommittee of the National Digital Committee, Head of the Rwanda Delegation to the World Radiocommunication Conference 2012 (WRC-12) and Coordinator of the National Preparatory Committee for the World Radio Conference 2012. Francis Ngabo is an Electronics and Communication engineer. He holds a master in Communication Management (2008, Kigali) and another on Satellite Communication (2014, UK).



Juan Carlos MUÑOZ-DELGADO is Head of the Mobile and Secure Communications section in the Directorate for Telecommunications and Integrated applications at the European Space Agency based in ECSAT (UK). After finishing his Master's Degree in Telecommunications Engineering at UPM Madrid and RWTH Aachen, in 2002, he started his professional career at Hisdesat, the Spanish operator for governmental satellites. He held several positions throughout the deployment of the complete satellite communications system, from early design phases to launch, operations and commercial exploitation. In 2008, he joined VEGA in Munich, Germany, as manager of a business unit of space engineering services with customers across Europe. He joined ESA in 2011, in the ARTES 1 programme office, the strategy element of the ARTES telecommunications research and development programme. He holds an Executive MBA from Instituto de Empresa - IE Business School, Madrid.



Guilhem PENENT is a Research Associate at the French Institute for International Relations (IFRI) where he coordinates efforts under the Space Policy Program. Previously, he worked at the Strategic Research Institute of the French Military Academy (IRSEM) as a researcher fellow. Mr. Penent is a PhD candidate in political science (international relations). He is a graduate of Sciences Po Bordeaux (2010) and holds a master (research) in "International Politics" (Bordeaux, France, 2010). He also holds a Bachelor's degree in History (Toulouse, France, 2008) and has an interest in space applications (International Space University SSP12). He is a recipient of the René Mouchotte Award of the French Air Force (2011). He has just published a book on Europe in space (in French, *L'Europe spatiale : le sursaut ou le déclin*, Paris, éd. Argos, 2014).



François RANCY was elected Director of the ITU Radiocommunication Bureau by the Plenipotentiary Conference 2010 in Guadalajara, Mexico. He took office on 1 January 2011. François Rancy is an engineer, a graduate of the École Polytechnique (1977) and the École Nationale Supérieure des Télécommunications (Paris, 1979). From 1979 to 1997, he worked as systems engineer and subsequently Head of Department in France Télécom's research laboratories, where he was in charge of studies on national and international satellite systems and activities relating to the spectrum and the regulation of satellite systems. As from 1992, his responsibilities expanded to cover the entire radiocommunication sphere. From 1997 to 2004, he was Director of Spectrum Planning and International Affairs at the National Frequency Agency (ANFR). From 2004 to 2010, he was Director-General of ANFR, responsible for frequency management in France. In October 2010, he was elected Director, BR by the ITU Plenipotentiary Conference. At the international level, he led the coordination of European delegations (CEPT) at WRC-03 and chaired the European Union group on spectrum management policy (RSPG) in 2007. He chaired the ITU-R Special Committee on Regulatory and Procedural Matters from 1997 to 2003, and the World Radiocommunication Conference in 2007. François Rancy has been awarded the ITU Silver Medal (2007) and the titles of Chevalier de la Légion d'honneur (1998) and Ordre national du mérite (1992).



Michel de ROSEN joined Eutelsat in July 2009 and was appointed Chief Executive Officer and Board member in November 2009. He was appointed Chairman of the Board in September 2013. Michel began his career in France in the Inspection générale des finances in the Ministry of Finance, and from 1986 to 1988 was Chief of Staff of the Minister of Industry and Telecommunications. From 1988 to 1999 he held executive positions at Rhône-Poulenc including CEO of Rhône-Poulenc Fibers and Polymers from 1988 to 1993, and CEO of Rhône-Poulenc Rorer (USA) from 1993 to 1999. From 2000 to 2008 he was Chairman and CEO of ViroPharma in the USA. He returned to France in 2008 to the position of Chairman and CEO of SGD. Michel is a French national and a graduate of the HEC business school and France's National School of Administration

(ENA - Ecole Nationale d'Administration).



Richard ROITHNER is Director of Satcom at Euroconsult responsible for Euroconsult's global consulting and research activity in the commercial satellite sector for fixed as well as mobile satellite communications. He is specialized in the strategic analysis of satellite operators and service providers. He participates in numerous consulting missions for operators, service providers, space agencies, as well as banks and investors. Richard is also contributing to the research program of Euroconsult on the economics of fixed and mobile satellite sector and as such has been editor and key contributor of numerous research reports. Richard is a graduate of the University of

Business Administration in Vienna. He joined Euroconsult in 2006.



Victoria SAMSON is the Washington Office Director for Secure World Foundation and has over sixteen years of experience in security and space issues. Before joining SWF, Ms. Samson served as a Senior Analyst for the Center for Defense Information (CDI), where she leveraged her expertise in missile defense, nuclear reductions, and space security issues to conduct in-depth analysis and media commentary. Prior to her time at CDI, Ms. Samson was the Senior Policy Associate at the Coalition to Reduce Nuclear Dangers, a consortium of arms control groups in the Washington, D.C. area, where she worked to share information quickly between Congressional staffers, members of the

media, embassy officials, citizens and think-tanks dealing with national missile defense and nuclear weapons reductions. Before that, she was a researcher at Riverside Research Institute, where she worked on war-gaming scenarios for the Missile Defense Agency's Directorate of Intelligence. Ms. Samson holds a Bachelor's of Art (B.A.) degree in political science with a specialization in international relations from UCLA and a Masters of Art (M.A.) in international relations from the Johns Hopkins School of Advanced International Studies.



Simon SPANSWICK is a founder director of the AIB. His career spans both public and commercial sectors and for many years he has been closely involved in digital broadcasting. Having contributed as a freelance journalist to BBC World Service English output since 1981, Simon joined the BBC in 1986. He spent time with BBC Monitoring, and was part of the specialist team that formed part of the UK delegation to WARC 92, safeguarding the BBC's interests in terms of short wave and satellite broadcasting frequencies. In 1993, Simon moved to World Service Corporate

Affairs, working on press and public relations initiatives, while at the same time continuing to present the World Service English media programme, Waveguide. He was the Project Manager for the Digital Radio Worldwide consortium that brought together international broadcasters with an interest in satellite-delivered digital radio services. In 1996, Simon left the BBC to join World Radio Network as Director of Corporate Affairs. He worked on a variety of projects to raise awareness of WRN in the global broadcasting industry, and secured funding from the European Commission to launch pan-European radio services. He also led the project, part funded by Britain's Department of Trade and Industry, to develop the world's first portable DAB receiver. Simon has managed the establishment and launch of major DAB Digital Radio services in the UK



and has worked as a consultant to Digital One, the UK's national DAB multiplex operator. As Chief Executive of the AIB, Simon leads the organisation's work on a day to day basis. He keeps his journalistic skills up-to-date as managing editor of the AIB's publications, frequently interviewing leading personalities for the pages of The Channel and reporting from major media and telecoms events around the world. Simon regularly speaks or chairs sessions at industry and consumer conferences about varied aspects of broadcasting.



Gary THATCHER works closely with governments, public and private broadcasters in arranging transmission of US radio and television programming to the highest-priority countries, including Afghanistan, Iran, and North Korea. Mr. Thatcher spearheads the International Broadcasting Bureau's efforts to oppose intentional interference with broadcast signals, a practice known as "jamming". He has been a member of the US Delegation to International Telecommunication Union (ITU) conferences, including World Radio Conference (Geneva) and ITU Plenipotentiary (Geneva) meetings. He also works closely on interference issues

with other major international broadcasters, including the BBC (Britain), Deutsche Welle (Germany), Radio France Internationale and the European Broadcasting Union (EBU). Mr. Thatcher came to the IBB in 2000, after a long career in the private sector. He has been both Foreign and National Editor of Chicago Tribune, and National Editor of The Christian Science Monitor, managing the national and foreign bureaus and editing staff of those organizations. He has served as a journalist or editor in Atlanta, Boston, Chicago, Johannesburg, Moscow, Munich and Washington. Mr. Thatcher was Deputy Director of Radio Free Europe. He managed the startup of US international broadcasting's Arabic-language service, Radio Sawa. In 2003-2004, Mr. Thatcher served in Baghdad as Director of Strategic Communications for the Coalition Provisional Authority, administering a \$100 million effort to rebuild Iraq's national radio and television networks. Mr. Thatcher is a charter member of Investigative Reporters and Editors and a member of SPJ, the Society of Professional Journalists. He won numerous journalism awards, including the SPJ's Distinguished Service Award. Mr. Thatcher is a graduate of Long Island University in Greenvale, New York.



Roberto VIOLA holds a doctor degree in electronic engineering (Dr. Eng.) and a master in business administration (MBA). He is Deputy Director General at European Commission - DG CNECT, with responsibilities for Electronic Communications Networks and Services Directorate, Cooperation Directorate - International and Inter-institutional relations, Stakeholders cooperation, Coordination Directorate - Growth and Jobs, Innovations and Knowledge Base, Media and Data Directorate. Since 2005 to 2012 he has been the Secretary General in charge of managing AGCOM (Italian media and telecom regulator). He

has been Chairman for 2012-2013 of the European Radio Spectrum Policy group (RSPG), he was Deputy Chairman for 2011 and Chairman for 2010. He was in the Board of BEREC (Body of European Telecom Regulators). He was Chairman for 2007 of the European Regulatory Group (ERG). He served in AGCOM (1999-2004), as Director of regulation department and technical Director being in charge of, inter alia, regulation in terrestrial, cable and satellite television, frequency planning, access and interconnection of communication services, cost accounting and tariff in telecommunication and broadcasting services. From 1985-1999 he served in various positions as a staff member of the European Space Agency (ESA) in particular, he has been head of telecommunication and broadcasting satellite services.



List of participants

Speakers:

Cecil AMEIL, Senior Manager European Affairs, SES

Ronald BUSCH, SDA Chairman and Executive Director

Éanna Ó CONGHAILE, Ireland's Representative at the Council of Europe's Steering Committee on Media and Information Society (CDMSI) and Member of the CDMSI Bureau

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Simon SPANSWICK, Chief Executive and Founder Director, Association of International Broadcasting (AIB)

Gary L. THATCHER, Associate Director, United States International Broadcasting Bureau

Roberto VIOLA, Deputy Director General, DG Connect, European Commission



Attendees:

Kumar ABHIJEET	Academics
Byusa AMANI	Student
Haege ANDERSEN	Engineer NORWEGIAN POST AND TELECOMMUNICATION
Lucile AUBISSE	Student
Alain AUSTRUY	Spectrum and Regulatory Affairs CNES
Giulio BARBOLANI DI MONTAUTO	Director General's Cabinet in Brussels ESA - AGENCE SPATIALE EUROPEENNE
Ingo BAUMANN	Head Office of Project Office DLR, Avocat BAUMANN HEINRICH ORTNER (BHO Legal)
Luc BEGINE	Executive Officer Business Aligner ASIR CONSULTANTS EU
Pierre-Jean BERANGER	Analyst AVASCENT
Xavier BERTINCHAMPS	GSMC Services officer EUROPEAN GNSS AGENCY
Anton BOLSTAD	Senior Engineer THE NORWEGIAN POST AND TELECOMMUNICATION
Jean-François BUREAU	Director of Institutional and International Affairs EUTELSAT
Alexander CASPER	EU Policy Analyst AIRBUS DEFENCE & SPACE
James CEMMELL	Head of Government Affairs INMARSAT
Patrick CHATARD - MOULIN	International Relations - Space Policy and Coordination Unit EUROPEAN COMMISSION
Stéphane CHENARD	Senior associate Consultant EUROCONSULT
Philippe COQ	General Secretary Public Affairs AIRBUS GROUP
Miguel-Damien DESNERCK	Chief Executive Officer DESNERCK MEDIA Ltd
Abdoul Aziz DIALLO	Assistant to the Chef de cabinet MINISTRY OF FOREIGN AFFAIRS



Christian DIETRICH	Executive Research Assistant EU INSTITUTE FOR SECURITY STUDIES
Jean-Claude DOMIEN	Expert Frequency Matters AIRBUS DS
Rafal DOMISIEWICZ	US and Canada Division, Policy Officer EUROPEAN EXTERNAL ACTION SERVICE
Maria-Elena EFTHYMIU	Administrator EUROPEAN PARLIAMENT
Theresa FALLON	Senior Associate EUROPEAN INSTITUTE FOR ASIAN STUDIES (EIAS)
Jacques FLEMAL	ABPPC
Jean-Michel FOBE	President EUTRALEX AEROSPACE CONSULTING
Quirijn FREDERIX	Student UNIVERSITY OF LEUVEN
Paul FRITSCH	Chargé de mission FRENCH MILITARY REPRESENTATION
Kurt GAISSERT	Advisor STUTT GART REGION EUROPEAN OFFICE
Daniela GENTA	VP Radio Regulation and Policy AIRBUS
Vadim GLUSHCHENKO	Counsellor PERMANENT MISSION OF THE RUSSIAN FEDERATION
Olivier GOINARD	Transmission Department RFI
Gabriel GOMBART	Deputy General Manager GEP AFTP
Sergio GRECO	Senior VP and General Manager THALES ALENIA SPACE
Chris GROGAN	SVP, SES Engineering SES
Roland GUEUBEL	Programme Manager UCL - CTMA
Mahesh HERATH	Relevant for University Education
Manuel HERRERA	Economic Affairs MEXICAN EMBASSY
Anna HILL	Founder SPACE SYNAPSE LIMITED
Jérôme HUON DE KERMADEC	Business Development Officer CABINET IENA



Chad JEUDY	Director KREAB GAVIN ANDERSON
Alexander KASPER	EU Analyst AIRBUS
Cem KOCER	Event Report & Journalist ONE EUROPE
Hans-Joachim KROH	Representative of German Aerospace Center GERMAN AEROSPACE CENTER (DLR)
François LAGUIONIE	RFI Monitoring System AIRBUS DEFENCE & SPACE
Brice LANCON	Vice President EU Affairs Space-Security-Defence SAFRAN
Michel LANNE	Consultant spatial & Défense
Jeanne LAPERROUZE	MEP Assistant EUROPEAN PARLIAMENT
John LEE	Student in Space Study KU LEUVEN
Jennifer LEE	Statistician
Olivier LEMAITRE	EU/NATO Representative ASD EUROSPACE
Christine LEURQUIN	VP Institutional Relations SES BELGIUM Sprl
Xavier LIAO	PhD Candidate GHENT INSTITUTE FOR INTERNATIONAL STUDIES
Dimitri LINDEN	Student UNIVERSITY OF LEVEN
James LOVEGROVE	Director APCO Worldwide
Agnieszka LUKASZCZYK	Space Policy Consultant EUROPEAN COMMISSION
John MAGUIRE	Director of International Relations & Cooperation FRANCE MEDIA MONDE
Raissa MALU	Professor
Maria MARKAKI	HELLENIC AIR FORCE/TELECOMMUNICATION
Marina MARTINEZ - GARCIA	Programme Officer SPANISH OFFICE OF SCIENCE AND TECHNOLOGY
Tanja MASSON - ZWAAN	Deputy Director/Assistant Professor IIASL, UNIVERSITY OF LEIDEN
Charlotte MATHIEU	EU Relations Office ESA - AGENCE SPATIALE EUROPEENNE



Nikolaos NAVRAKIS	Student
Darren McKNIGHT	Technical Director INTEGRITY APPLICATIONS
Sarah MOENS	PhD researcher
Nicky de MUNSTER	Professor EUROPE SPACE SOCIETY
Laurence NARDON	Head of the Programme United Sates IFRI
Siegfried NIJS	Student/IT Manager
Eleni PALIOURAS	EU Relations Office ESA
Isabelle PERNOT DU BREUIL	China Policy and Political Affairs Senior Analyst DIA
Lionel PONCELET	Vice President European Union Affairs OHB AG
Daniel QUINTART	Lawyer EUROPEAN COMMISSION
Mark RAWLINS	Director of Communication Systems Operations EUTELSAT
Jana ROBINSON	Space Policy Officer EUROPEAN EXTERNAL ACTION SERVICE
Maake ROEKENS	Student UNIVERSITY OF LEUVEN
Chloé ROLIN	Consultant BUSINESS BRIDGE EUROPE
David ROYAUX	Counsellor PERMANENT REPRESENTATION OF BELGIUM TO THE EU
Patrick RUDLOFF	Head of EU Affairs AIRBUS SPACE SYSTE
Marios Faidon SALTOUROS	HELLENIC AIR FORCE/TELECOMMUNICATION
Branimir STANTCHEV	Policy Developer EUROPEAN COMMISSION
Peter de SELDING	Chef du bureau de Paris SPACE NEWS
Anne-Claire STRECK	Project Coordinator BOUYGUES Europe



Kazuya SUENAGA

Deputy Director Paris Office
JAXA PARIS OFFICE

François-Xavier THIBAUT

Student

Maria TVRDONOVA

Attachée
SK PERMANENT REPRESENTATION TO THE EU

Sergey ZEMLEDELTSEV

First Secretary (science & technology cooperation)
PERMANENT MISSION OF THE RUSSIAN FEDERATION

Frank ZEPPENFELDT

Future Programs
EUROPEAN SPACE AGENCY

Lucia ZIVEC

Acting Strategy Director
ASD - AEROSPACE & DEFENCE INDUSTRIES ASSOCIATION