

Speakers' Biographies

(June 2013)

Victor L.VASILIEV



Deputy Permanent Representative

of the Russian Federation to the United Nations Office

and other International Organizations in Geneva

Mr. Victor Vasiliev was born in Moscow in 1963. In 1989 he graduated from the Moscow State Institute (University) of International Relations.

Since 1989 has been working in Ministry of Foreign Affairs of the USSR/Russia.

He served two terms in the Permanent Mission of the Russian Federation to the United Nations in New York. Last position – Senior Counsellor for political affairs and alternate Representative in the UN Security Council.

From 2004 till 2007 - Deputy Director of the Department of International Organizations of the Russian Foreign Ministry.

Since November 2007 – Deputy Permanent Representative of the Russian Federation to the United Nations Office and other International Organizations in Geneva in charge of Disarmament and International security issues.

Mr. Vasiliev participated as a member of the Soviet/Russian delegations at various international fora, including NPT 1995, 2000, 2010 Review Conferences, UNGA sessions and First Committee meetings, etc. He was Russian expert in the UN Group of Governmental Experts on verification in all its aspects in 2005 – 2006 and in 2012 was elected to serve as a Chair of the UN Group of Governmental Experts on Transparency and Confidence Building Measures in Space.

Tanja Masson-Zwaan



Tanja Masson-Zwaan is Assistant Professor and Deputy Director of the International Institute of Air and Space Law at Leiden University. Tanja works in the field of air and space law since 25+ years. She currently teaches air and space law in the advanced Masters program (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) since 2007, and published on a variety of topics over the years. She advises national and international bodies, and attends the sessions of the UN Committee on the Peaceful Uses of Outer Space as an observer. In 2012, she was appointed by the Netherlands as Arbitrator with the Permanent Court of Arbitration (Optional Rules for Arbitration of Disputes Relating to Outer Space Activities).

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 the International Astronautical Academy (IAA), the Académie de l'air et de l'espace (France), the International Law Association (ILA), and the European Centre for Space Law (ECSL, of which she was Board Member from 1989-1996). She is Vice-Chairman of the Netherlands Space Society (NVR), Adviser to Mars One, and serves on the Advisory Board of Space Generation Advisory Council (SGAC). She was a member of the Founding Board of Women in Aerospace-Europe (2009-2012).

Patricia Harrison, Intelsat



Patricia Harrison is Director of Intelsat's RF Operations Department comprised of over 60 technicians and engineers. She is responsible for real-time customer operations, technical support, understanding relevant emerging technologies, coordinating projects among peer departments; hiring, training and developing new staff; and contributing to company growth and policy initiatives as needed.

Patty has had more than 25 years' experience in all aspects of Satellite and Network Communications Operations including, real-time technical customer support, project development and management

Yasir Hassan



Director, Transmission Operations, ARABSAT

Dr. Ibrahim OZ



Dr. İbrahim ÖZ is Vice President of Turksat Satellite Operations and Cable TV Incorporation. He is responsible for operations of Turksat Satellites, generating and uplinking digital television bouquet, procurement and program management of new satellites as well as research, development and satellite design.

Prior to his current position, he was satellite control and monitoring director of Turksat AS. He was responsible for operations of Turksat Communication Monitoring Centre to provide its customer continuous and reliable any kind of video, voice or data transmission via Turksat satellites.

He was research assistant at Electrical and Electronics Engineering department prior to joining Turksat AS.

He received his B.Sc degree in Electrical and Electronics Engineering Department. His M.SC. and PhD degree are also in Electrical and Electronics Engineering.

Nigel Fry, BSc (hons) MIET, Head of Distribution BBC Global News



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. Programmes in 28 languages are distributed globally by satellite to partners and for broadcast 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 180million 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.

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.

Dick Tauber, CNN



Dick Tauber was named the Vice President of Transmission Systems and New Technology for the CNN News Group in 2004 where he has focused on special projects, mostly related to low bandwidth and high bandwidth newsgathering. Before this assignment, Tauber was Vice President of CNN's Satellites and Circuits Department, responsible for getting all news stories back to Atlanta from anywhere in the world. Tauber is based at CNN's world headquarters in Atlanta and is part of BEST – the Broadcast Engineering and Systems Technology group.

Tauber joined the CNN Satellites & Circuits Department in October, 1981 as a satellite desk trainee, until becoming a full fledged CNN Satellite Operator six months later. He moved up through the ranks and was promoted to Assistant Director in 1983. In February, 1985 he was promoted to Director of the department and in 1994 Tauber was advanced to CNN vice president. In 2004 when two separate satellite departments were merged together, Tauber took on a new role as Vice President of Transmission Systems and New Technology for the CNN News Group, a position he holds today. His responsibilities include investigating newly developed systems and technologies for use in newsgathering. The gear used by CNN is available to

both trained reporters and correspondents as well as experienced technicians, and also those with only a modicum of technology training, but who can take advantage of user friendly systems to provide photographs and video for breaking news events.

Tauber has been the CNN representative to the World Broadcasters Union-International Satellite Operations Group (WBU-ISOG) since 1985. The WBU-ISOG is an international group that meets bi-annually on a wide range of satellite issues. Tauber has worked on many WBU-ISOG matters over the years, serving as chairman of the SNG sub-committee on Pricing Methodology and Operation/Administration in 1990. In 1991 he was co-chair of the ISOG sub-committee on Digital Compression, developing the "ISOG mode" for MPEG-2 encoders, a uniform format that could easily be adopted by those transmitting with different systems. Since 1993, Tauber has held the Chairmanship of WBU-ISOG.

Also since 1985, Tauber has represented TBS/CNN at the North American Broadcasters Association (NABA), serving as the TBS/CNN representative on the Board of Directors from 1998 thru 2003. NABA is one of eight broadcaster unions worldwide in the WBU, and CNN has played an ongoing role in NABA and WBU activities.

Tauber received an Outstanding Individual Achievement Emmy award for Satellite Coordination for the Turner Broadcasting Systems GOODWILL GAMES from the National Academy of Television Arts and Sciences in 1986. In 1991, Tauber received an "Industry Visionary" award from Communications Week magazine as one of the "25 Most Influential" industry leaders for the year, for his role in CNN's coverage of the first Persian Gulf War. In 1996 Tauber accepted an Industry Innovators Award from SSPI, the Society of Satellite Professionals International, for CNN's Business Service and Development Applications in the satellite industry. In September, 2002 Tauber was honored with a second Emmy in recognition of his contribution to CNN's reporting and coverage of the momentous events that began on September 11, 2001. He received another award in December, 2002, as a Mobile Satellite Pioneer by the Mobile Satellite Users Association (MSUA) for his leadership in the use of Mobile Satellite Communications Services for the TV Broadcast Media over the past twenty years. (Tauber was the keynote speaker at the MSUA-4 Conference held in Baltimore in May, 2007.)

In 2006, Tauber received two notable achievements presented to a number of CNN staff, including a 2005 Alfred I. DuPont Award for CNN's Coverage of the Tsunami Disaster in South Asia. And, for his part in CNN's overall work, Tauber received a 2005 Peabody Award for Coverage of Hurricane Katrina and its Aftermath.

In September, 2007 Tauber was a leader of the CNN team that was honored with two awards at the IBC in Amsterdam – The IBC Innovation Award for Content Creation and the coveted Judges Prize for Innovation for

CNN's DNG (Digital Newsgathering) project for the design and implementation of its mobile, IP-based news-

gathering system. In January, 2008 at the CES (Consumer Electronics Show) in Las Vegas, Tauber again led

the CNN team that received a Technology & Engineering Emmy Award for CNN's DNG system creation and use.

Since 1999, Tauber has helped focus WBU-ISOG, along with a number of other organizations, on

the mitigation of satellite interference. In February, 2011, working with several other broadcasters, he helped to finally establish the RFI-EUI (Radio Frequency Interference-End Users Initiative). With these broadcasters, other media content creators, equipment and service providers, satellite operators and other satellite industry organizations, Tauber has been devoted to reducing the harmful and costly effects of RFI on end user clients and customers. In July, 2011 he helped launch the www.rfi-eui.org web site.

In 2005, Tauber helped establish the Southeast chapter of SSPI – the Society of Satellite Professionals International and now serves as President of the chapter Board of Directors. He was also Vice President of Membership and Chapters on the SSPI Board from 2007 through 2011. In October 2008, Tauber received its annual Mentor Award from SSPI.

In March 2010 at the "SATELLITE 2010" conference at National Harbor, Maryland, Tauber accepted the SSPI Industry Innovator Award for WBU-ISOG for work related to satellite interference mitigation. The next month at the NAB conference in Las Vegas, Tauber was honored with the Broadcasting & Cable magazine 2010 Technology Industry Leadership Award for his career of moving forward with new and advanced technology at CNN.

Tauber holds a bachelor's degree from Denison University in Granville, Ohio. He attended and has done graduate studies at the University of Michigan in Ann Arbor, Michigan and Columbia University in New York City.

Bharat Dudhia



Bharat Dudhia is a spectrum policy manager at Office of Communications (Ofcom) in the UK. His main area of work covers fixed and broadcasting satellites and science services. He is a member of the Institution of Engineering and Technology (IET).

Mr. Mahdi Siasifar



Mr. Mahdi Siasifar has BS and MS in Telecommunication Fields and Waves Engineering from IUST in Tehran and has been working in IRIB since 1996. In 1997 he joined ITU-R 10-11R Study Group. After starting his job in satellite department in 1997, he joined IRIB satellite team in ITU WRC-07 and continued his studies in ITU-R study group 4. Then in 1988, he was given the responsibility of acting as the head of a research group to do the required studies and research for changing the TV and Radio transmission section of IRIB from analog to digital. This project study was successfully done during 1988 and 1999. The results of the study were the first book in Persian about digital TV and also a series of booklets about different blocks of digital technology in Persian. This study was also practically used by IRIB for changing the satellite transmission from analog to digital and expansion of leased satellite fleet and design of new IRIB satellites to be launched in future. This technological advance leads to a great expansion of number of channels broadcast by IRIB. He also co-authored his second book "Space Industries and Satellites , A component of Nation's Power in Modern World" in which the two authors of the book, survey the status of the satellite industry in the world and Iran and proposed the necessity of mastering in this technology. He is now serving as General Manager of Satellite communication in IRIB.

Alexandre Vallet



Alexandre Vallet is currently the head of the Regulatory affairs and Spectrum/Orbit Resources Department within the French National Frequency Agency (ANFR – Agence Nationale des Fréquences).

Alexandre Vallet began its career in 2000 within the research and development centre of the French telecommunication operator France Telecom where he was in charge of frequency management and spectrum engineering issues related to satellite communications. In 2005, he moved to the France Telecom Frequency Office, where he dealt with European and international regulatory affairs related to both terrestrial and satellite services.

In 2006, he joined the satellite operator Eutelsat to handle issues related to operational coordination and regulatory matters of non-planned satellite frequency bands.

Since October 2007, he works for the Agence Nationale des Fréquences. He is also chairing ITU-R Working Party 4C (in charge of mobile-satellite and radiodetermination-satellite services) since 2008.

Alexandre Vallet graduated in 2000 from the École Nationale Supérieure des Télécommunications (ENST, Paris, France).

Mark Rawlins



Mark Rawlins started his professional career working on TV transmission systems with British Telecom progressing to satellite television transmissions with British Telecom International in the late 1980's. He moved to Eutelsat in France in 1992 where he worked initially in the Payload Operations area before moving to the Ground Network Engineering team which provided the monitoring and ground systems for the payload operations activities. Today he has returned to the area of Payload Operations, heading the group that includes the Eutelsat payload control centre (CSC), the operational support teams and the engineering teams. This team holds the responsibility of ensuring that the satellites deliver the services according to requirements, providing the technical support interface for all Eutelsat customers and end users, and to deploy the Eutelsat global monitoring network and monitoring systems required to manage the services on all satellites commercialised by the Eutelsat group.

Martin Jarrold, Chief of International Programme Development – GVF



Martin Jarrold has worked for GVF for almost 12 years, having been appointed GVF Chief of International Programme Development in June 2001. His particular responsibilities include outreach to the member organisations of the GVF and for the further development of the profile of the Forum within the satellite communications industry, and across the global telecommunications policy and regulatory community. This extends to the development and delivery of programmes focused on extending the understanding of, and promoting the use of, satellite-based communications in various key end-user vertical markets. Mr. Jarrold is Chairman of the GVF Oil & Gas Communications Conference Series, and the GVF Broadband Maritime Conference Series, as well as the GVF Maritime SatCom Forum. He writes for several satellite industry and end-user industry journals. Mr Jarrold was formerly Managing Editor, and Head of Research, for Space Business International magazine.

Nicolas Dubyk



Nicolas Dubyk has 14 years of technical expertise on Satellite Ground products, mainly focusing on Mission Control solutions (CSM, Signal Acquisition, digital processing and geolocation, Mission planning) and has gained experience in Project Management of complex Ground systems, for various satellite operators (such as the French MoD, ARABSAT, YAMAL and many others).

He is now part of the THALES ALENIA SPACE Business Line Telecommunications, and is acting as Bid Manager for Ground systems

Dr. Rob Rideout



After obtaining his Ph.D. in 1995 from the University of Birmingham (UK) in the field of high energy astrophysics, Rob has since dedicated the last 18 years of his career investigating and developing technology to combat the ever increasing and disruptive effects of interference to satellite communications. Rob has promoted the benefits of interference mitigation techniques around the world to military, government and commercial satellite operators at international forums, and has regularly been called upon to advise government departments and their key advisors, and regulators.

Rob spent 11 years working in the UK defense sector, and now works as the VP of Sales and Marketing for SAT Corporation - a subsidiary of US-based Kratos Defense and Security Solutions, and a leading supplier of innovative satellite monitoring and interference geolocation systems for the space and aerospace industry.

Martin Coleman



Martin Coleman started Colem as an engineering services and design consultancy. Using his previous experience in network management systems he developed his own unique satellite & broadcast control system products that streamline operations for Corporate, SNG/Flyaway and Wireless Cameras including enhanced Automation, Intelligent Device Configuration and Media management.

Martin works with numerous broadcasters and satellite operators to improve their operational processes and control, including BSkyB,

Reuters and NOAA.

In addition, Martin has been an active player in helping reduce Interference on satellite transmissions for many years, including the latest global ETSI/DVB Carrier ID specification for all SCPC transmissions (Video & Data) as well as the original NIT CID issued by WBU-ISOG in 2008. Now Executive Director of the Satellite Interference Reduction Group (sIRG, was SUIRG), he is committed to seeing Carrier ID as a requirement by 1st January 2015 and supporting majors groups such as APSCC, CASBAA, GVF and WBU in getting all interference initiatives advanced.

Prior to setting up Colem, Martin was an engineer in charge of various BT satellite projects for Madley & Goonhilly earth stations in the UK. His background is both satellite and international telecommunications.

Guido Baraglia



Guido Baraglia is a board member of the satellite Interference Reduction Group (sIRG) and SAT Corporation Sales Director for EMEA. Guido started as ground station engineer and is now considered one of the world leading experts in Carrier Monitoring and Satellite Interference Geolocation.

Former Head of Eutelsat payload operations centre (CSC), Guido has a twenty year's long experience in successfully mitigating RFI affecting telecommunication satellites. Active in many different domains he recently participated in panels on Interference Mitigation and Carrier-ID held at SAT 2013, CabSat 2013 and the WBU-ISOG conference in Geneva.

Lisa Hobbs



Lisa Hobbs joined Ericsson in 1997 after spending nine years in the satellite communications and video compression divisions of Scientific-Atlanta (now Cisco.) As Vice President, Broadcast Compression Solutions for Ericsson Television, she has global responsibility for defining and bringing to market customer focused end to end solutions in the terrestrial broadcast and satellite DTH markets. She holds a Bachelor of Arts degree in international relations from Bradley University and a Masters in International Business degree from the University of South Carolina.

Roland Smith , General Manager, Customer Service Operations, SES



Roland leads a technical team responsible for payload operations on around half of the SES fleet of satellites, with primary focus on maintaining the quality and availability of global DTH services provided by SES, as well as support for data services, OU transmissions and interference mitigation

Pierre Berta



Working as Application Engineer at ComtechEFData in Fred's Morris Team for about 3 years, I'm substituting to him for this presentation.

I'm an Electronics Engineer.

Further details at <http://www.linkedin.com/pub/pierre-berta/a/462/997>

Howard Feldman, Scope Associates Limited

Howard Feldman is currently an independent consultant in satellite communications. He offers management and technical consultancy, as well as interim management and non-executive director roles. Previously, he was the Vice President of Network Operations for Inmarsat, where his career spanned 26 years in senior development engineering and network operations roles. He holds nine patents in satellite communications. He is a founding director of SIRG, the Satellite Interference Reduction Group, an industry body focused on drawing attention to interference, as well as finding and implementing solutions. His degrees in electrical engineering are from University of Michigan and University of Texas. Based in London, he can be contacted at howard@scope-associates.com.

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