

Moderator and Speaker Profiles



Mr. Komlan Adonko, Director, AVSEC, National Agency of Civil Aviation of Togo, Togo

Mr. Adonko started working for the Civil Aviation Administration of Togo in 1994 as an Economist Manager before being assigned in 1999 in the division in charge of Civil Aviation Security (AVSEC).

After his AVSEC training, including AVSEC PMC, he was appointed in 2010 as Director AVSEC/FAL, a post held until today at the National Civil Aviation Administration of Togo.

At the international level, he is an ICAO certified instructor and auditor for AVSEC since 2005 and 2014 respectively, as well as a West African Economic and Monetary Union (WAEMU) certified auditor for AVSEC.



Mr. David Aguilar, Principal, Global Security and Innovative Strategies (GSIS)

David Aguilar is a Principal at GSIS. At GSIS, Mr. Aguilar advises clients on a broad range of national homeland and international security matters including border security and logistics, global trade and commerce, supply chain management and security, risk management, viability assessments, and strategic planning and implementation. Mr. Aguilar focuses on tailoring global risk management solutions related to supply chain security, customs compliance, and all issues related to border protection at and between international ports of entry.

Mr. Aguilar had a distinguished 35 year career in federal law enforcement, having previously led the United States' largest law enforcement organization, U.S. Customs and Border Protection (CBP). Prior to leading CBP, he was appointed by President George W. Bush as the National Chief of the United States Border Patrol. He previously served as Chief of the Tucson Sector and in various leadership positions within the U.S. Border Patrol. As the Acting Commissioner of CBP, he oversaw a workforce of 60,000 agents, officers, and other personnel and a budget of more than 11 Billion dollars.

Mr. Aguilar currently serves on the Board of Directors for CZ-USA and Drone Aviation as well as the Advisory Boards of AT&T First Net and the Border Security Expo.

Mr. Aguilar holds an Associate degree in accounting from Laredo Community College and attended Laredo State University and the University of Texas at Arlington. He is a graduate of the Senior Executive Fellows program at Harvard's John F. Kennedy School of Government.



Lt Col Navaid Ahsan, Director, Operations, Headquarters Airports Security Force, Pakistan

Working as a Director Operations, Airports Security Force, Pakistan, for the last 4 years and 10 months. Responsible for the Security Operations of all the (24) Airports in Pakistan. This includes Planning, Procurements and Deployment of Manpower, Security Equipment, Infrastructural Security and Implementation of all the Security Policies at all the Airports in Pakistan.

ICAO Certified AVSEC PM (Aviation Security Professional Manager).

ICAO Certified National Inspector.

Keynote Speaker at Aviation Security Seminars at Dubai organised by Dept of Transport UK.

Keynote Speaker at Aviation Security Seminars at London organised by Dept of Transport UK.

Keynote Speaker at Aviation Security Seminar organised by GCAA at Abu Dhabi.

Attended Risk Assessment Workshop in Dubai organised by DfT UK.

Attended MANPADS Seminar in Pakistan organised by DfT UK.

Guest Speaker at Aviation Security Seminar organised by Emirates Group Security at Dubai

Speaker at 26th AVSEC WORLD organised by IATA at Abu Dhabi

Guest Speaker at Seminar on Proactive Measures in AVSEC by GAA at Bahrain

Basically from Pakistan Army serving as a Lieutenant Colonel for the last 25 years.

Commanded an Artillery Regiment and a Military Police Unit in the Army.



Mr. Mohammad Obaid Al Tayer, Chief Policy Specialist, Policy, Regulation and Planning Department, Security Affairs, General Civil Aviation Authority, United Arab Emirates

Mohammad is from the second generation of Emirati Aviation Security professionals with almost 5 years of experience in Aviation Security in the General Civil Aviation Authority of the United Arab Emirates.

He comes from a financial educational background with banking experience in various positions including financial risk assessment.

Mohammad's interest in the business aspect of aviation industry eventually led him to pursue a career in Aviation Security.

Since joining the General Civil Aviation Authority of the UAE in 2011 as an Aviation Security Inspector Mohammad underwent a comprehensive international (ICAO/IATA) aviation security training program, as well as extensive on the job training, which enabled him to develop his knowledge, experience and competencies in the field of civil aviation.

Mohammad has participated and led over 300 hours of Aviation Security Quality Control Activities and in addition actively represented the GCAA at national and international level events and meetings.

Mohammad's current work is focused on further development of GCAA and national aviation security strategic objectives, policy, regulations and programmes, utilising his field experience as well as his expertise on the UAE Federal government and international aviation security requirements.



Mr. Aibek Alzhanov, Deputy Chairman of the Civil Aviation Committee, Ministry of Investment and Development of the Republic of Kazakhstan, Kazakhstan

Education: in 2003, he graduated from St. Petersburg University of Engineering and Economics (Faculty of Entrepreneurship and Finance).

In 2004-2006, he studied law in the Aktobe State University. K. Zhubanova.

In 2007 he graduated from the Academy of Public Administration under the President of the Republic of Kazakhstan, with a master's degree "State and local government".

In 2011, he graduated from the Academy of Civil Aviation with a degree in Economics.

In 2003-2004, he was in military service.

In 2004-2005, he worked in various positions in the Tax Committee for the city of Aktobe.

From 2008 to 2018, he worked for Euro-Asia Air and was Vice President for Project Development.

Since 2018, he is the Deputy Chairman of the Civil Aviation Committee of the Ministry of Investment and Development of Kazakhstan, oversees the Aviation security



Mr. Peter Amasa, Head, AVSEC Training & Certification Division, Nigerian Civil Aviation Authority, Nigeria

Peter Amasa is an AVSEC Panel member of the International Civil Aviation Organization. He currently works for the Nigerian Civil Aviation Authority as the Head, AVSEC Training & Certification Division. He has 23 years' experience in aviation security oversight system.

He is a graduate of Mathematics from the prestigious University of Lagos, Nigeria in 1991 and qualified as a Professional AVSEC Manager from Concordia University/ICAO here in Montreal in 2008. He is also an ICAO Certified Universal Security Audit Programme-Continuous Monitoring Approach (USAP-CMA) Auditor and has participated in the audit of various States.

In addition to the above, Peter is an ICAO Certified Instructor and pioneered the Certification System (Instructors and Screeners) of the CAA in Nigeria.



Mr. Dominique Antonini, Head, Aviation Security, International Air Transport Association (IATA)

Dominique R. Antonini has more than 25 years of experience in the aviation industry serving in different positions. Starting from the regulatory environment back in 1990 (2 years with a French Civil Aviation Authority) followed by 15 years with the International Civil Aviation Organization, ICAO), then in the industry (7 years as a consultant, 5 years with Geneva Airport), as well as aircraft manufacturing (Aerospatiale, ATR during Engineering studies).

Mr. Antonini was an active member of the ACI Europe Security Committee, representing Geneva Airport at ECAC and other international fora, and undertook consultancy activities with IATA and with a large spectrum of industry stakeholders and Manufacturers.

While working for ICAO, Mr. Antonini occupied different senior positions such as Chief, Aviation Security, Secretary of the AVSEC Panel, of the International Technical Explosive Commission, of the Ad-Hoc Group of Specialists on the Detection of Explosives, and of the Unlawful Interference Committee of the ICAO Council. He also initiated major aviation security projects, such as the ICAO/Concordia AVSEC PMC, the first joint ICAO/IATA Airline Security Training Package, and contributed to the development and reinforcement of the ICAO Aviation Security Training Packages (ASTPs) and Centres (ASTCs) network.

Mr. Antonini joined IATA as Head, Aviation Security in October 2014 based in Montreal. Mr. Antonini holds a Master's Degree in Civil Aviation Engineering, Air Transport, from the National Civil Aviation University (ENAC) based in Toulouse, France.



Dr. David Atkinson, Senior Research Scientist, National Security Directorate, Pacific Northwest National Laboratory

David Atkinson is a senior research scientist and manages the explosives detection R&D portfolio at the Pacific Northwest National Laboratory. Dr. Atkinson holds a Ph.D. in analytical chemistry from Washington State University, under the advisement of Herb Hill. He has worked in trace chemical detector development in the DOE National Laboratory complex over the last 26 years, with a specific emphasis on explosives detection. He has participated in all aspects of R&D with respect to explosives detection, from performing fundamental research, to doing testing/evaluation, to deploying equipment in the field and training end users. He has worked for decades with the Federal Aviation Administration (FAA) and then the Department of Homeland Security (DHS) on applying detection instrumentation to aviation security. He was the co-chair of the 2011 Gordon Research Conference on Detecting Illicit Substances and is a co-founder and co-chair of the annual Trace Explosives Detection Workshop and Concealed Explosives Detection Workshop. He has published a number of seminal papers in trace explosives detection, including the highly cited critical review of ion mobility spectrometry for the detection of explosives and explosive related compounds (Talanta, 54, 3 (2001): 515-529). He continues to work on novel solutions to aviation security problems.



Mr. Stephen Atkinson, Senior Vice President, Marsh Canada

Working collaboratively with local, national and international colleagues in the Marsh & McLennan Companies, including leading management consultancy Oliver Wyman, Stephen's role consists of leading client engagements and delivering Marsh's insurance brokerage and risk management consulting services to Canada-based businesses, NGOs and governments, including many in the aviation sector. He regularly leads discussions and host forums on the necessity of addressing data privacy, network security and the governance risks associated with managing a business (or organization) in a ubiquitously connected world. He is also the co-founder of Avant-Garde @ CIRANO, a leadership development seminar, affiliated with Quebec's preeminent applied economic research institution (CIRANO), aimed at helping prepare the next-generation of young Canadian leaders to develop the skills, competencies and peer-network required to understand and overcome complex problems faced by society. A graduate of Middlebury College, Middlebury, VT with a B.A., he has also completed an MBA at the John Molson School of Business, Concordia University, in Montreal, QC.



Mr. Philbert Bakilana, Principal Aviation Security Officer, Aviation Security Department, East African Community Civil Aviation Safety and Security Oversight Agency (EAC-CASSOA)

Philbert Furaha Bakilana (Tanzanian) is a long serving/seasoned lawyer and Aviation security expert, who worked as AVSEC Quality control and oversight/ inspector for more than ten years with CAA Tanzania, before joining Qatar Airways as AVSEC- Lead Officer Technical Standards and Compliance, at Hamad International airport in Doha. Currently, he is in charge of aviation security oversight functions for a Regional Safety Oversight Organization (RSOO), for the East African Community (CASSOA) based in Entebbe -Uganda, conducting assistance missions, oversights, developing model regulations, security Programmes and guidance materials for the six East African States member of the East African Community

Mr. Bakilana holds of Degree in law, Masters of Public Administration and is a member of the Tanganyika Law Society, a bar association of Tanzania Mainland.



Mr. Jeffrey Barrow, Manager, Smart Security, Airports Council International (ACI World)

Jeffrey Barrow is Manager, Smart Security having joined ACI World on a two-year secondment from the Greater Toronto Airports Authority (GTAA). He is accountable for the Smart Security Program, a joint initiative with the International Air Transport Association (IATA). In this role, Jeffrey conducts research into new areas of innovation in passenger screening, participates in relevant ICAO working groups and AVSEC panel, and is responsible for developing guidance material relevant to the Smart Security program. He also acts as the Secretariat for the Smart Security Management Group, develops and delivers Regional Workshops for Smart Security and represents the program globally at industry events.

Jeffrey's diverse airport career began in 1998 with the GTAA where he held positions with increasing responsibilities in Airside Operations, Strategic Planning and Air Service Development. Before joining ACI World in early 2017, Jeffrey was Senior Manager Revenue & Business Development where he managed Toronto Pearson International Airport's largest non-aviation revenue stream.

His university education is in geography from Western University where he obtained his Hons. B.A. degree in Environmental Resource Management. In 2008, Jeffrey obtained his Accredited Airport Executive (A.A.E.) designation from the International Association of Airport Executives Canada and participated in the IAAE Canada's Marketing & Communications committee developing and publishing the Association's annual report.



Mr. Kyal Barter, Senior Aviation Security Advisor and Programme Coordinator, CASP-AP, ICAO

Mr. Barter joined the International Civil Aviation Organization in 2015, managing the Cooperative Aviation Security Programme – Asia Pacific, which seeks to achieve harmonized compliance to the international obligations for aviation security by Member States/Administrations through the provision of support for sustainable capacity building.

Previously Mr. Barter worked for the Office of Transport Security (OTS) within the Australian government's Department of Infrastructure and Regional Development since 2004 in various roles in transport security: regional aviation security, air cargo security, maritime (ship) security, and major airports and airline security, where he held the positions of Regional Compliance Manager for the States of Victoria and Tasmania, and National Compliance Manager. During this period, he was involved in international work in the Philippines, Indonesia and the United Arab Emirates and served at the Australian Embassy Bangkok, from December 2010 to 2015.

Prior to joining OTS, Mr. Barter has worked in the Royal Australian Air Force, Air Services Australia (air traffic control), and for Surveillance Australia as an airborne mission coordinator for aerial border patrols in northern Australia. He holds a Master of Aviation Management from Griffith University in Queensland.



Captain Althea Bartley, Manager for Aviation Security and Facilitation, Jamaica Civil Aviation Authority, Jamaica

Captain (Retired) Althea Bartley is the Manager of Aviation Security and Facilitation for Jamaica Civil Aviation Authority. She is a Subject Matter Expert in aviation security and delivers training on behalf of the International Civil Aviation Organization within the North America and Caribbean Region. Captain Bartley currently represents Jamaica at the ICAO/LACAC Regional Group on Aviation Security and Facilitation and is the current vice-chairperson. Jamaica also currently leads the Regional Working Group tasked with the development of a cyber-security aviation awareness training programme for the Caribbean and Latin America. She was the Chairperson of the UNODC Airport Communication Programme Steering Committee that led to the implementation of Joint Interdiction Task Force at Jamaica's two major international airports. Due to her experience working with multi-agency, she was invited to present at the Pearson International Airport Intelligence Training Symposium in Toronto in April 2017. Capt Bartley has worked with Organization of American States over the years to identify technical experts to deliver aviation security training for the Region. Her working paper on Rethinking Cyber Security – Aviation Security was presented at the Regional Cyber Security Conference in Bogota in Sept 2016.



Mr. Philip Baum, Visiting Professor, Aviation Security, Coventry University

Philip started working within the aviation industry in the 1980s, when he joined Trans World Airlines' security subsidiary at London Heathrow. From Duty Manager at Heathrow he moved to TWA's International HQ where he ultimately became Manager Security Training and Auditing. He left, in 1996, to establish Green Light, through which Philip serves as a subject matter expert for the Airports Council International (ACI) in the area of Behavioural Analysis and runs training courses for them accordingly. Likewise, Philip designs and delivers the International Air Transport Association's (IATA) Inflight Security courses and has worked with IATA on the way behavioural analysis might be incorporated into (what was originally called) the 'Checkpoint of the Future', the pre-cursor to 'Smart Security'.

Philip is the Editor of Aviation Security International. Philip's first book, 'Violence in the Skies: a history of aircraft hijacking and bombing', was released on 29th February 2016. He was appointed Visiting Professor, Aviation Security by Coventry University in 2018.



Mr. Domenic Bianchini, Senior Technical Advisor, Transportation Security Administration (TSA), United States, and Co-Rapporteur of ICAO AVSEC Panel Working Group on Innovation in Aviation Security

Domenic (Nick) Bianchini is a Senior Technical Advisor for the Office of Requirements and Capabilities Analysis (RCA). Previously he served as the Manager for the Passenger Screening Program (PSP), Manager for the Security Technology Integrated Program (STIP), and Deputy Division Director for the Mission Analysis Division.

As Senior Technical Advisor for RCA, Mr. Bianchini is responsible for reviewing and responding to classified information inquiries relating to aviation screening capabilities/system vulnerabilities and providing technical briefings to Transportation Security Administration (TSA) leadership, congressional staffers, foreign delegations, and aviation industry representatives. He is also responsible for working with international partners in the alignment of technical detection standards and common testing methodologies. As the co-chair of the International Civil Aviation Organization Working Group on Innovation in Aviation Security and TSA technical representative on the European Civil Aviation Conference Technical Task Force, Bianchini collaborates with foreign government organizations to enhance global aviation security performance.

Bianchini joined TSA in 2002 as the Contracting Officer's Technical Representative for a \$900 million Explosive Detection System contract, designed to detect explosives in passenger checked baggage at United States airports. He soon became the Manager of STIP by initiating and managing a program designed to establish network connectivity to approximately 14,000 airport screening devices. Later, as the Manager of PSP, he focused on procuring and deploying passenger and carry-on baggage screening technologies for the inspection of explosive devices and prohibited items.



Mr. Murray Breeze, Group Manager, Compliance and Improvement, New Zealand Aviation Security Service, New Zealand

Murray served in the New Zealand Police for 20 years resigning in 1995. He then entered the world of aviation by gaining his commercial helicopter pilots licence and working for a short time as a helicopter pilot.

He joined the New Zealand Civil Aviation Authority (NZCAA) in 1999 as a General Aviation Flight Operations Inspector and later moved into a role as a Technical Specialist-Aviation Security between March 2001 and March 2007 undertaking regulatory assurance activity. During this time, Murray was also involved with the APEC – Aviation Security Experts Sub Group and managed the regulatory component of the introduction of Hold Baggage Screening to New Zealand in response to the 9/11 attacks in the US.

In 2007, he joined the Aviation Security Service (Avsec) where he developed and managed a programme of capacity building partnerships with several South Pacific Islands to assist with meeting and maintaining compliance with ICAO and local requirements.

In 2011, Murray was appointed as the Manager Quality Audit for the Aviation Security Service with responsibility for regulatory compliance.

In June 2014 Murray was appointed as one of four Group Managers within Avsec and leads two teams responsible for Quality Audit/Compliance, Policy and Procedures, Covert Testing and Continuous Improvement.

Murray is involved with other members of the Executive Leadership Team transitioning the organisation through an ongoing transformational change programme. This is a large transformational piece of work which will be ongoing for several years.



Mr. Nick Careen, Senior Vice President, Airports, Passenger, Cargo and Security, International Air Transport Association (IATA)

Currently IATA's Senior Vice President for the Airport, Passenger, Cargo and Security Division, Nick is responsible for IATA's relations with Airports, Fuel supply, Passenger experience, Cargo, Security and Ground Handling for IATA Member airlines and industry partners around the world.

Nick built his career in Air Canada and its subsidiary Jazz where his last role was as Air Canada Vice President for Airport, Call Centers and Customer Relations, a position he held from 2013 to 2014. He brings with him a wealth of experience covering flight and airport operations, human resource management and government relations.

He completed his studies in Political Science at Memorial University of Newfoundland and Labrador and lives in Candiac just south of Montreal. He is married with four children and enjoys the great Canadian sport of ice hockey among other pastimes when he is out of the office.



Mr. Eduardo Cerda, Aviation Security Advisor, Directorate General of Civil Aviation of Chile, Chile

Currently Works at: Directorate General of Civil Aviation of Chile

He Works as: Manager Section Airport Services, Sub department Plans and Projects, Planning Department Professional experience: 41 years in the AVSEC area.

Course in Air Intelligence, Escuela Especialidades Fuerza Aérea de Chile (1984).

Aeronautical Police Course, Technical Aeronautical School, DGAC. Chile (1991)

Degree: Airport Security Technician issued by the Technical Aeronautical School (ETA) of the DGAC (1992).

Course: Airport Security Management and Crisis Management, carried out at the Transport Safety Institute, Oklahoma, USA (1992)

Vice-Chair of the AVSEC/FAL Panel NAM/CAR/SAM Regions of ICAO and Chair of the same Panel between 2014 and 2016.

In 2007 he completed the INTERDICT / RADACAD weapons of mass destruction training at the "Hanford Nuclear Site", USA.

Course: Terrorist movements, dictated by the Universidad Gabriela Mistral (2008)



Mr. Weixiong Chen, Deputy Executive Director, United Nations Counter-Terrorism Committee Executive Directorate (CTED)

Mr. Weixiong Chen is presently Deputy Executive Director of the Counter-Terrorism Committee Executive Directorate (CTED) of the United Nations Security Council. CTED was created in 2004 and is mandated to assist the Counter-Terrorism Committee in working with Member States in their implementation of resolutions 1373 (2001), 1624 (2005), 2178 (2014), 2395 (2017) and 2396 (2017).

Mr. Chen is a Chinese national. He obtained a post-graduate diploma in international law from the Beijing Foreign Affairs University in 1983 and a BA Guangdong University of Foreign Studies in 1982. Prior to his service with the United Nations before 2005, Mr. Chen served in the Ministry of Foreign Affairs of China, working as Deputy Director-General on United Nations security and reforms matters. From 1993-1998, he served as advisor in the Chinese Permanent Mission to the United Nations, dealing with issues seized by the Security Council. He is also author of two books on the work of the UN Security Council and China's multilateral diplomacy.

Mr. Chen was appointed by the UN Secretary-General as Commissioner of the United Nations Monitoring, Verification & Inspection Commission (UNMOVIC) on Iraq's WMD programs from 2003-2005. In 2004, he also served as senior advisor to H.E. Mr. Qian Qichen, former Vice Prime Minister and member of the UN Secretary-General High-Level Panel on Threat, challenges and Change, which led to the formulation and adoption of the UN Global Counter-Terrorism Strategy in 2006.

Mr. Chen has also served as head of the UN counter-terrorism delegations on many complex country assessment visits and negotiated with Member States on their capacity-building needs documents.



Mr. Vladimir Chertok, Deputy Director, Federal Authority for Transport Oversight of the Russian Federation, Russian Federation

Vladimir Borisovich Chertok is Advisor of Head of the Federal Authority for Transport Oversight.

He graduated from Moscow Aviation Institute. V.B. Chertok works in the field of civil aviation since 1972.

He worked during 30 years at the State Research Institute of Civil Aviation and conducted ground and flight tests of board life support systems, survival and safety for crews and passengers almost in all types of modern civil aircrafts.

As a test engineer in test flights flew more than 338 hours.

In recent years, he had held various supervisory positions in the Ministry of Transport of the Russian Federation, the Federal Authority for Transport Oversight, and dealt with issues of aviation and transport security.

Currently, he is in charge of state control and oversight for compliance of legislation and international treaties of the Russian Federation in the field of protection from acts of unlawful interference in all types of transport, aviation security and flight safety in civil aviation.

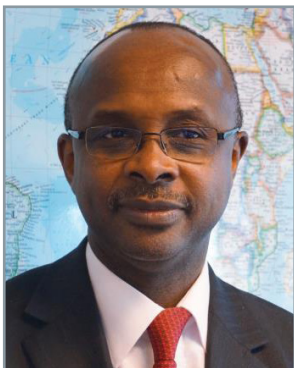
Under the leadership of V.B. Chertok established the system of state oversight and control in the field of aviation (transport) security and the operation service with the functions of the Crisis Management Center and the Coordination Center for Aviation Security in the complex of Russian transport system.

Since 2006, V.B. Chertok has been the national aviation security coordinator of ICAO audits in the Russian Federation for provision of aviation security in civil aviation, and he is also designated member of the ICAO Aviation Security Panel from Russian Federation and chairman of the EUR/NAT AVSEC Group



Mr. Andrew Cox, Systems Analysis R&D Scientist, Sandia National Laboratories

Andrew Cox has spent 15 years in aviation security first at TSA and now at Sandia National Laboratories. His work includes initiatives such as PreCheck, terrorism risk analysis, and risk-based screening. Andrew is currently working as the Principal Investigator on the Open Threat Assessment Platform (OTAP) project whose aim is to transform the current proprietary technology paradigm to an open architecture paradigm.



Mr. Boubacar Djibo, Director, Air Transport Bureau (D/ATB), International Civil Aviation Organization (ICAO)

Boubacar Djibo was appointed Director of the Air Transport Bureau of the International Civil Aviation Organization (ICAO) in November 2011. His current duties include the management of programmes to achieve three of the five strategic objectives of the Organization, namely security and facilitation, economic development of air transport, as well as environmental protection.

Before joining ICAO, Mr. Djibo, who has more than 30 years of experience in aviation, was Secretary General of the African Civil Aviation Commission (AFCAC). While there, in order to execute a sustainable civil aviation system in Africa, he worked on key initiatives in the areas of regional coordination for the implementation of the ICAO Standards and Recommended Practices relating to safety and security, the implementation of the Yamoussoukro Decision for the liberalization of air services, training and capacity building together with the African Union, African regional economic communities, ICAO, International Air Transport Association (IATA), Airports Council International (ACI) and African Airlines Association (AFRAA).

In an aviation career beginning in 1984, he occupied a number of key positions, including Director of Civil Aviation of Niger and ICAO Project Coordinator. He also served on the Board of Directors of Air Afrique and the Agency for Aerial Navigation Safety in Africa and Madagascar (ASECNA).



Mr. Bruno Faviero, Chief Executive Officer, Synapse Technology Corporation

Bruno Faviero is the Co-Founder and CEO of Synapse Technology Corporation, which develops AI-based solutions for automating baggage security screening. At Synapse, Bruno focuses on applying the latest innovations out of Silicon Valley research and academic institutions to the field of aviation security, and is excited about opportunities to collaborate with others in the industry.

Prior to Synapse Bruno spent four years at Kensho Technologies as a product manager and software engineer developing algorithm-based analytics solutions for Wall Street banks and hedge funds. Bruno has also served in venture capital investment roles, focused on investing in AI and enterprise technologies.



Dr. Amanda Fond, Lead Scientist and Program Management Professional, Noblis

Dr. Amanda Fond is a Lead Scientist and Program Management Professional for Noblis. She currently supports the Department of Homeland Security, Science and Technology Directorate, Mission Capability Support Office as a subject matter expert in homemade explosives characterization and emerging threats. She is also the technical lead for explosives-related international projects and engagement.

Dr. Fond is the Principal Investigator for the Homemade Precursor Database program focused on using deep learning to identify anomalous purchasing behavior related to homemade explosive precursors. She also leads an effort using deep learning to rapidly aggregate and parse intelligence sources related to chemical, biological, radiological, nuclear, and explosive threats.

Prior to her work at DHS S&T, Dr. Fond provided scientific consulting for the Defense Advanced Research Projects Agency's (DARPA) Defense Sciences and Strategic Technologies Offices in areas of materials characterization and chemical detection. She received her Ph.D. in inorganic chemistry from Johns Hopkins University and completed a National Research Council Postdoctoral Fellowship at the National Institute of Standards and Technology in analytical chemistry.



Mr. Chris Ford, Deputy Director, Civil Aviation Authority of New Zealand, New Zealand

Chris is Deputy Director Aviation Infrastructure and Personnel within the Civil Aviation Authority of New Zealand (CAANZ). In this Tier II executive role he is accountable for oversight of New Zealand's aviation security system and its linkages to New Zealand's wider national security system. He is also accountable for the oversight of New Zealand's Air Traffic Management system. Chris represented New Zealand on the International Civil Aviation Organisation (ICAO) Aviation Security Panel from 2004 to 2012 before taking up his current executive management role. He was Vice Chair of the Panel from 2010-2012. He is also a past Chair of the Asia Pacific Economic Cooperation (APEC) forum Experts Group on aviation security. Prior to his career with CAANZ Chris was a member of New Zealand Police in a range of criminal investigation and transnational crime and national security roles. Chris is a graduate of the Melbourne University School of Business Leadership Development Programme, and the Harvard University John F Kennedy School of Government Senior Executives Programme on National and International Security. He holds a Graduate Diploma in Arts (Philosophy) from Victoria University of Wellington and is currently studying towards a Masters Degree in Philosophy, Politics, and Economics, also at Victoria University.



Mr. Paul Fujimura, Assistant Administrator, Office of Global Strategies, Transportation Security Administration (TSA), United States

Paul Fujimura was named Assistant Administrator for the Office of Global Strategies in May 2013. He leads a workforce located in more than 20 offices around the world and is responsible for collaboratively working with international partners to secure the global transportation network as TSA continues to grow as a risk-based, intelligence-driven counterterrorism agency.

Prior to assuming his current duties, Fujimura served as Senior Advisor for Foreign Policy and International Relations in the Office of Global Strategies International Operations Directorate. In addition, Fujimura served in Office of Transportation Threat Assessment and Credentialing where he ensured the Infrastructure Modernization Program aligned with TSA and Department of Homeland Security policy priorities.

Fujimura joined TSA in 2010, after five years at Department of Homeland Security Office of International Affairs where he served as Chief of Staff and Director for Asia/Pacific Policy. Before his role at DHS, Fujimura served as Regional Affairs Officer for Asia for the State Department Office of the Coordinator for Counterterrorism. In that capacity, he provided policy oversight of U.S. counterterrorism plans and initiatives. As a foreign service officer, Fujimura was assigned to the U.S. Embassy in Moscow, Russia.

Fujimura began his career in public service with U.S. Navy. In 1988 he became a naval flight officer and received initial training on the A-6E intruder attack aircraft. He was then assigned to VA-115, Attack Squadron 115, in Atsugi, Japan, and made two deployments to the Persian Gulf on the aircraft carrier USS Midway, flying 38 combat missions in Operation Desert Storm. Fujimura taught political science at the U.S. Naval Academy from 1993 to 1997.

Fujimura is a graduate of the University of California, Berkeley and a distinguished graduate of the Naval Postgraduate School in Monterey, California.



Mr. Ian Gilchrist, Head, Aviation Security Unit, Qatar Civil Aviation Authority, Qatar

Mr. Gilchrist is currently the Head of the Aviation Security Unit of the Qatar Civil Aviation Authority. He is a former independent contractor specialising in aviation security training and consulting; a former international civil servant with the International Civil Aviation Organisation (ICAO); a former police officer with the Royal Hong Kong Police; held the position of airport security manager of a large international airport; and a former full time employee of a specialist consulting firm where he held a number of senior operational and management positions.

Mr. Gilchrist is an ICAO accredited Instructor; an IATA certified Instructor, an IOSA qualified Auditor, and has achieved a Professional Manager Certification in AVSEC (AVSEC-PMC) granted by ICAO/Concordia University, a programme that he served as subject matter expert during the development stage and as Course Director for several courses.



Ms. Angela Gittens, Director General, Airports Council International (ACI World)

Angela Gittens began her tenure as Director General of Airports Council International (ACI World) in 2008. She was formerly airport CEO for Miami and Atlanta and Deputy at San Francisco International Airport. In other previous roles, Gittens served as Vice-President, Airport Business Services for HNTB Corporation, where she led the firm's practice in airport business and strategic planning. And as Vice-President at TBI Airport Management, she oversaw the transition to private ownership of London Luton Airport and managed operations contracts at several airports in the US and Canada.

Gittens is a Fellow of the Royal Aeronautical Society, and has served on numerous aviation industry boards and committees including the FAA Management Advisory Committee, the FAA Research, Engineering and Development Committee, the National Civil Aviation Review Commission ("the Mineta Commission"), the Executive Committee of the Transportation Research Board, the Airport Cooperative Research Program Oversight Committee and the Board of Directors of JetBlue Airways.



Mr. Daniel Goh, Assistant President, Nuctech Company Limited

Daniel Goh was Assistant Director at the Civil Aviation Authority of Singapore (CAAS) with extensive experience in airport management, aviation security, commercial development, airport planning and international business. His core competencies include airport, aircraft and airspace security and he implemented most of the security measures that are still in place at Singapore Changi Airport after the events of September 11th, 2001.

At L-3 Technologies, Daniel spearheaded L-3's maiden foray into the Asia Pacific market as the Regional Managing Director, where he grew the business by ten folds between 2002 and 2009. Under his leadership, L-3 successfully installed more than 1000 systems at major international airports in Singapore, Hong Kong, Japan, Korea, China, Taiwan, India, Malaysia, Thailand, Indonesia and Australia.

Daniel joined American Science & Engineering (AS&E) in 2009 as its Regional Vice President & Managing Director where he has steadily grown the business by more than 20% each year.

In 2016, he joined Nuctech as its Corporate Assistant President, responsible for strategies to bring the technological and economic benefits of Nuctech's cutting edge solutions to international customers.



Mr. Keith Goll, Deputy Assistant Administrator, Security Technology, Transportation Security Administration (TSA), United States

Mr. Goll has been with Transportation Security Administration from its inception. He is currently the Acting Deputy Assistant Administrator for Requirements and Capability Analysis (RCA). In that role, he leads efforts to grow capability analysis expertise, centralize requirements for the agency, and demonstrate emerging technologies through TSA's Innovation Task Force and Air Cargo and Surface Technology Test beds. In addition, he guides the activities for development of future technologies – a current focus is advancing computed technology (CT) capabilities to meet the demands of the evolving threats against transportation security. He is also responsible for establishing the agency's strategy for implementation of biometrics.

Additionally, Mr. Goll is co-chairman of the Aviation Security Advisory Committee, Security Technology subcommittee, and has led past efforts for development of TSA's Five-Year Technology Investment plan. He's held various leadership roles within the now defunct Office of Security Capabilities, including responsibility for technology deployment, test and evaluation, business operations and life cycle support.

From his initial employment with Federal Aviation Administration starting in 1992 until now, his focus has been on the development, acquisition, deployment and operational support of Explosives Detection Systems and other security technologies (with a good bit of experience in policy and operational procedures background thrown in).

Prior to his employment with TSA and FAA, Mr. Goll was a project engineer with Space and Naval Warfare Systems Command, and Marine Corps Systems Command, working primarily on development and deployment of command, control, and communication systems.

Mr. Goll has a Bachelor of Science in Electrical Engineering from Virginia Tech.



Mr. Luvuyo L. Gqeke, Executive, Aviation Security, South African Civil Aviation Authority, South Africa

Mr. Luvuyo L. Gqeke has been working in aviation for the past 20 years. He is currently Executive, Aviation Security for the South African Civil Aviation Authority. Mr. Gqeke previously worked with the South African Civil Aviation Authority as Senior Manager, Training and Certification, and Manager, Cargo Security. He has also worked for South African Airways as Manager, Hub Operations and Manager, National Cargo Security. Prior to this, Mr. Gqeke graduated from the University of South Africa with a Bachelor of Commerce. He is also a graduate from the University of Stellenbosch Business School (Management Development Program) and Wits University in conjunction with the London Business School (International Executive Leadership Development Program).



Mr. David Hansell, Public Policy Manager, DJI

David Hansell is the Public Policy Manager for DJI. In this role, David is working to strengthen the partnerships between industry and government to help develop a safe and sustainable shared aviation infrastructure which seamlessly supports users in the unmanned aviation space. David previously worked as the Global Aviation Policy Lead for Facebook and their High Altitude, Long Endurance Aquila Program. David is a member of the FAA's Drone Advisory Committee Subcommittee, the FAA UAS Safety Team, the Royal Aeronautical Society, and was the Chairman of AIA's Upper Airspace Working Group which led the industry's effort.

Previously, David served as Director for Transportation Security Policy on the National Security Council. He worked as the lead aviation subject matter expert for the National Security Advisor and Assistant to the President for Homeland Security and Counterterrorism. Dave previously served as an Intelligence Officer and National Security Liaison for both the FAA and TSA, an Air Traffic Controller for the US Air Force, and was an aircrew member and translator for Air Force Special Operations Command.

David earned a Bachelor of Science in Professional Aeronautics from Embry-Riddle Aeronautical University and a Master of Arts in International Relations from the University of Oklahoma.



Ms. Nathalie Herbelles, Head of Security, Airports Council International (ACI World)

Nathalie Herbelles is Head of Security at Airports Council International, based in Montreal, Canada.

In her role, she is ACI's point of contact for global airport security issues, representing the world's airports and helping deliver the association's priorities.

Prior to this role, Nathalie helped coordinate the airline industry's Security and Facilitation positions at the International Air Transport Association (IATA), at global level in Montreal and within Asia-Pacific in Singapore.

She has also worked for the Association of European Airlines, Air France, the European Commission and the Spanish Airport Authority AENA.

A French national, Nathalie has a legal background and holds a Master's Degree in Air Transport Law and Management from Aix-Marseille University in France.



Ms. Sonia Hifdi, Head, Security Measures Office, Directorate General for Civil Aviation, France

Sonia HIFDI, 37, is an engineer in physics and transportation within the French Civil Aviation Authority. She graduated in transport economics, in airport management and in resilience and crisis management.

She started her career as the head of the explosives detection unit within the French civil aviation technical center in 2004.

After 5 years, she moved to the office of security measures to manage the air carrier security program.

Since January 2016, she is the head of the office of security measures with the aim of defining the national AVSEC policy, to ensure the coordination with the main departments within the French government in charge of aviation security.

Since 2013 she is the chair of the ECAC Guidance Material Task Force.

Moreover, since 2014 she is the French representative to the ICAO Aviation Security Panel and the rapporteur of the ICAO working group in innovation in Aviation Security. She is the current vice chair of the ICAO Aviation Security Panel.



Mr. Nick Kaldas, Managing Director, Stratium Global

Nick Kaldas held two of the most senior roles in the NSW Police Force executive for well over a decade, serving as Deputy Commissioner and prior to that, Assistant Commissioner. He relieved as Commissioner extensively. His career as a NSW Police Officer spanned almost 35 years. NSW Police is the largest in Australasia, and one of the biggest in the English-speaking world, with over 20 thousand staff, and a budget of over \$3 billion.

Nick is currently Managing Director of Stratium Global, a company providing high level strategic advice and services on counter terrorism, infrastructure protection, and related matters, for government and the private sector.

Recently, 2016-2018, he was the Director of Internal Oversight Services in the United Nations Relief Works Agency, (UNRWA) based in Amman, Jordan, leading investigations, audits and evaluation programs for a staff of more than 30 thousand, in five fields: Syria, Lebanon, Gaza, West Bank, and Jordan. He travelled extensively in all five fields.

Internationally, Nick held many senior posts including the positions of Chief of Investigations in the UN/OPCW Joint Investigative Mechanism, (2016) leading the investigation into the use of chemical weapons in the Syrian conflict, Chief of Investigations, U.N. Special Tribunal for Lebanon, (2009-2010) leading the investigations into the assassinations of P.M. Hariri and 21 other assassinations, and Deputy Chief Police Adviser with Coalition Forces in Iraq (2004-5) rebuilding the Iraqi National Police.

Nick was Deputy Commissioner, NSW police Force from 2007 to 2016. He commanded up to 14K staff, and a budget of more than \$2 billion. He has held responsibility for prevention, preparedness, and response to all acts of terrorism and politically motivated violence. His portfolio included Counter Terrorism & Special Tactics, Crime Command (all organised major crime squads), Major Events and Incidents Group, Forensic Services, Public Order and Riot Squads and he held the statutory position of State Emergency Operations Controller. He played a key leadership role in protection and other operations in significant national events such as the Sydney Olympics, APEC 2007, World Youth Day, Sydney 2008.



Mr. Panagiotis Kambouroglou, Founder and Managing Partner, Aero Iasion Development Ltd.

Panagiotis Kambouroglou is the founder and managing partner of Aero Iasion Development Ltd (www.iasion.eu). He is committed to creating sustainable corporate value for his clients and a better World by 2030. Panagiotis is a distinguished professional in the transport, security and tourism business. He served in C Level positions for more than twenty years, in more than ten European countries, with outstanding results. During his tenure, Panagiotis achieved Business Excellence and Sustainability through innovation and process optimization. Continuous investment in Human capital and skills were in the heart of his carrier. Currently, Panagiotis deploys passionately three interrelated projects, i.e. "Aviation Security 2030", "Human Skills in the age of Artificial Intelligence" as well as "Sustainable Transport 2040". Greek of origin, humanist, graduated in Law (in Berlin) and is fluent in seven languages. During his carrier, Panagiotis received several business excellency and innovation awards. He is the founder of Samothraki Open Forum (www.samothrakiopenforum.com) and Made for Gods (www.madeforgods.com).



Mr. John Katko, Chairman, Transportation Security Subcommittee, Homeland Security Committee, United States

Congressman John M. Katko was first elected to represent the 24th Congressional District of New York in the U.S. House of Representatives in November 2014, after previously serving as an Assistant United States Attorney for the Department of Justice for 20 years. In November 2018, he was re-elected to a third term to serve in the 116th Congress.

In Congress, Congressman Katko serves as Chairman of the Subcommittee on Transportation and Protective Security for the Committee on Homeland Security in the U.S. House of Representatives. Additionally, he serves as a member of the Committee on Transportation and Infrastructure.

During his tenure as Subcommittee Chairman, Congressman Katko has passed numerous bipartisan pieces of legislation to improve aviation security and reform the Transportation Security Administration. The list of enacted bills authored by Chairman Katko include legislation to mitigate insider threats to aviation security, reform TSA acquisitions and procurement practices to better deploy advance technologies, build aviation security capacity at overseas Last Point of Departure airports with direct flights to the United States, and harmonize security technology standards between the U.S. and key foreign partners. He has also held key oversight hearings relating to airport access controls, innovation within TSA, and TSA's global efforts to improve aviation security.

In the 115th Congress, Chairman Katko led a bipartisan Congressional Delegation to Europe and the Middle East to meet with aviation security and counterterrorism officials and discuss mutual efforts to respond to evolving threats to transportation systems.



Mr. Junyi Ku, Director/Chief, Security Department, China Southern Airlines

KU Junyi, president of Security Division of China Southern Airlines and the Captain of the Third Detachment of CAAC Air Marshal, who has been working in the field of security for 36 years with most extensive theory and working experiences of police and aviation security. He is one of the key leaders who introduce new measures of civil aviation security by integrating big data analysis into civil aviation security works in China. He has been implementing unified management of air marshal and airlines security guards by reforming the managing pattern of them. Under his endeavor, China Southern Airlines takes the leading position in threat assessment and informatization of airline security of China.



Dr. Rod Kunz, Assistant Group Leader, Chemical, Microsystem, and Nanoscale Technologies Group, Lincoln Laboratory, Massachusetts Institute of Technology

Roderick Kunz is Assistant Leader of the Chemical, Microsystem, and Nanoscale Technology Group within the Advanced Technology Division of the Massachusetts Institute of Technology Lincoln Laboratory (MIT LL) in Lexington, Massachusetts, U.S.A. For the past fourteen years he has led programs in the signature science and detection of explosives and explosives-related threats for both the U.S. Department of Defense and U.S. Department of Homeland Security. The primary goal of this work has been to identify and develop technologies for detecting concealed explosives and, where applicable, to identify the limitations of purely technical solutions to detecting improvised explosive devices (IEDs). An important aspect of his work has been to estimate the operational performance of new and/or emerging technologies to help U.S. government agencies set their expectations regarding the potential operational impact of new counter-IED technologies. In support of this work, Rod has gained expertise in remote laser and photoacoustic spectroscopies, ion mobility and mass spectroscopy, aerosol chemistry, and ultra-trace vapor detection methods capable of assisting in the training of explosives detection canines. He received his Ph.D. in chemistry from the University of North Carolina-Chapel Hill, U.S.A.



Mr. Nathaniel Kwadzo Deh, Training Manager, Ghana Airports Authority, Ghana

Nathaniel Kwadzo Deh works for the Ghana Airports Company Limited.

He has 21 years working experience with Aviation Security, including 19 years in the field of training of Aviation Security Personnel.

He is currently the AVSEC Training Manager of the Ghana Airports Company Limited. He is responsible for determining AVSEC training needs, annual training budgeting as well as organizing and conducting of training for AVSEC personnel working for the Airport.

He also conducts initial training for security personnel working for the Airlines, Cargo Handlers/ Operators and Catering Service Providers. Upon request, he provides refresher training for them as well.

He is a holder of Master of Business Administration (MBA) in Human Resource Management, AVSEC PM and ICAO certified AVSEC Auditor and Instructor.



Mr. Andy Lee, Director, Test and Evaluation Division, Transportation Security Administration (TSA), United States

Andy Lee is the Director of the Test and Evaluation Division within the Office of Acquisition Program Management. In this role, he leads all developmental and operational testing of technologies and capabilities for TSA. Andy is also the Director of the TSA's Systems Integration Facility (TSIF) and he serves as the Director of the Department of Homeland Security designated Independent Operational Test Agent.

Andy has been with the Federal Government for 26 years, serving time in both the Federal Aviation Administration (FAA) and the Transportation Security Administration (TSA). His career started in airport management, running a medium-sized commercial airport that also served as a test bed for FAA research and development programs.

In 2000, he joined the security technology arena with a move to the Transportation Security Laboratory in New Jersey working several research and development programs and eventually becoming the Manager of Systems Engineering for the TSA Office of Security Technology.

In 2007, Andy moved to TSA Headquarters as the Manager of System Planning and Evaluation and took on the challenge of establishing the TSIF. Andy was then tasked with establishing a consolidated test and evaluation organization within TSA.

Andy has a Bachelor of Science Degree in Aviation and Engineering from The Ohio State University and a Master of Aeronautical Science Degree from Embry-Riddle Aeronautical University. Andy is also a graduate of the DHS Senior Executive Service Candidate Development Program.



Dr. Kang-Jun Lee, Director, Korea Transportation Safety Authority (KOTSA), Korea

Dr. Kang-Jun Lee is the Director of Aviation Safety Office, Korea Transportation Safety Authority, Republic of Korea. Dr. Lee has worked as a human factors expert in Korea Air Force Safety Center from 1997 to 2007, and also served as a member of Korea Air Force Aircraft Accident Investigation Board (Human Factors Investigator) from 2005 to 2006. From 2007, Dr. Lee worked as the senior researcher for aviation safety in Korea Transportation Safety Authority, and from 2013 he also engaged in aviation security through aviation security voluntary reporting system. Dr. Lee is an expert in Aviation Psychology, Safety Management, and Accident Investigation for Human Factors. Dr. Lee holds a Ph.D. Aviation Psychology (Korea University).



Mr. Sylvain Lefoyer, Deputy Director, Aviation Security and Facilitation (DD/ASF), International Civil Aviation Organization (ICAO)

Sylvain Lefoyer became the Deputy Director of Aviation Security and Facilitation in the Air Transport Bureau of the International Civil Aviation Organization (ICAO) on 1 March 2017. He leads teams responsible for developing Aviation Security and Facilitation policy and Standards and Recommended Practices (SARPs), conducting audits of Member States' aviation security activities, assisting States that are unable to address serious security deficiencies highlighted by those audits, and implementing the Traveler Identification Programme (ICAO TRIP) Strategy.

Sylvain has extensive experience at the senior executive level in policy and regulations development, strategy, oversight, critical incident management and organization development in aviation security and facilitation.

Previous to his role in ICAO, Mr. Lefoyer's career in transport safety and security spans more than 25 years. He held various positions, including a Deputy Regional Director for Ground Transport Safety, Security and Defence in the Regional Directorate for Equipment and Urban Planning in the Paris metropolitan area and the Deputy Head of Aviation Security and Defense in the French Civil Aviation Authority (DGAC). Prior to that, he was enhancing his career in air traffic management from 2005 to 2011, in risk prevention and management from 2002 to 2004, and in maritime transport safety and security from 1992 to 2001.

He holds a Master's Degree in electronics from Paris University and a Master's Degree in public administration from École des Ponts ParisTech.



Mr. Wanming Li, General Manager, Capital Airport Aviation Security Co. Ltd., China

Li Wanming, general manager of Capital Airport Aviation Security Co., Ltd. (CAAS), who has worked in civil aviation system for 25 years, works in CAAS since 2011. He deeply comprehends the security technology of civil aviation, and puts forward the concept of "Law-based Security Check, Scientific Security Check and Humanistic Security Check". He has presided over the development of the first civil aviation intelligent passenger security system in China, to focus on the difficulties and crucial factors in civil aviation security.



Mr. Bernard Lim, Senior Director, International Relations and Security Division, Ministry of Transport, Singapore

Bernard Lim is Senior Director for International Relations and Security with the Ministry of Transport, Singapore. He served as the Vice-Chairman of the International Civil Aviation Organization (ICAO) Aviation Security (AVSEC) Panel from March 2009 to March 2011, and then as Chairman from March 2011 to April 2015. During this period, the Panel made a number of key achievements, such as the establishment of the ICAO's Comprehensive Aviation Security Strategy 2011-2016; the development of new ICAO Standards and Recommended Practices for air cargo security; cyber security; security of air traffic service providers; access control measures with respect to persons other than passengers; security awareness training; landside security and international AVSEC co-operation, amongst others.

Bernard also served as a member of the ICAO's Secretariat Study Group (SSG) on liquids, aerosols and gels (LAGs) (2007) that developed the ICAO guidelines on the hand carriage of LAGs. He also served as the Rapporteur of various other ICAO AVSEC Panel Working Groups working on Guidance Materials; Screening of Non-Passengers; the ICAO Comprehensive Aviation Security Strategy 2011-2016, and Air Cargo Security. Since 2014, he has served as the co-chairman of the ICAO-World Customs Organization (WCO) Joint Working Group on Advance Cargo Information (ACI). Bernard was also appointed as the Chairman of the ICAO AVSEC Panel's Task Force to develop the ICAO's first Global Aviation Security Plan (2016-2017). Within the Asia Pacific region, he continues to serve as Vice-Chairman of the Asia-Pacific Economic Co-operation (APEC) Aviation Security Experts Sub-Group. Bernard is a certified ICAO Aviation Security Instructor and has shared and spoken on various topics at international AVSEC conferences and seminars. He has also conducted AVSEC training sessions and courses including for Directors-General of Civil Aviation.



Dr. Fang Liu, Secretary General, International Civil Aviation Organization (ICAO)

Dr. Fang Liu is the Secretary General of the International Civil Aviation Organization (ICAO), having been appointed for a three-year term beginning August 2015.

Prior to her appointment as Secretary General, Dr. Liu served for eight years as the Director of ICAO's Bureau of Administration and Services (ADB). During her tenure, she contributed extensively to ICAO's Senior Management Group and also participated in the High-Level Committee on Management within the United Nations common system. She transformed the administration of ICAO by enhancing efficiencies, improving governance, and providing effective management and support in areas such as human resources, language services, and conference and information technology services.

Prior to joining ICAO, Dr. Liu served the General Administration of Civil Aviation of China (CAAC), where over the course of twenty years she successively held the posts of Legal Counsel, Deputy Director, Director and Deputy Director General, Department of International Affairs and Cooperation. She was responsible for China's international air transport policy and regulations, bilateral and multilateral relations with international and regional organizations including ICAO, the World Trade Organization, the Asia-Pacific Economic Cooperation (APEC), the European Union, and the Association of Southeast Asian Nations (ASEAN).

During her career with the CAAC, Dr. Liu was elected chair of the Aviation Group of the Asia-Pacific Economic Cooperation (APEC) and was nominated by China to sit on the Air Transport Regulation Panel in ICAO. She also served as an expert on mediation and dispute resolution. She was chief negotiator for the Chinese government for bilateral and multilateral air transport agreements with foreign countries.

Dr. Liu earned a PhD in international law at Wuhan University, China, and a Master's degree in air and space law at Leiden University, the Netherlands. She is the Director of the Association of Air Law of China and of the Association of Private International Law of China, and has published articles and delivered lectures on a wide range of topics in international air transport regulation and air law. She speaks Chinese and English and has knowledge of French.



Mr. Cameron Mann, Global Market Director - Aviation, Smiths Detection Group Ltd

Cameron is currently the Global Market Director – Aviation for Smiths Detection based in London. This role has responsibilities for strategy development and implementation for the aviation market for Smiths. Previously Cameron has held management appointments in Asia Pacific based in Sydney as the Regional Managing Director and Head of Mature Markets for Asia Pacific, and prior to that as the Managing Director of Australia and New Zealand and Director of Product Management for the Integrated Systems product lines. From 2003 to 2011 Cameron was based in Singapore serving in various sales and management roles leading market based teams across Asia.

Cameron has a BSc (Hons) and a MEngSc in Project Management from the UNSW, Australia. He also holds an MSc from Cranfield University, UK.

Smiths Detection and other global manufacturers collaborate together under the auspices of the International Coordinating Council of Aerospace Industries Association (ICCAIA).

ICCAIA provides an avenue for the world's aerospace manufacturers to offer their industry expertise to the development of the international standards and regulations necessary for the safety and security of air transport. Recognized by the International Civil Aviation Organization (ICAO) with observer status, ICCAIA actively participates in the work of ICAO regarding the environment, air navigation and air transport matters.



Mr. Ted M. Martin, Senior Aviation Security Inspector, Civil Aviation Authority, Trinidad and Tobago

Ted is the acting Manager Aviation Security and Facilitation at the Trinidad and Tobago Civil Aviation Authority (TTCAA). He has 27 years of expertise in the aviation security environment and a wide range of experiences and qualifications spanning from the airline industry to the appropriate authority for aviation security in Trinidad and Tobago. He is a member of the Aircraft Accident/Incident Investigations Response Team for the TTCAA and is currently the Chairman of the AVSEC Sub Committee of the Caribbean Aviation Safety and Security Oversight System (CASSOS).

Ted performs duties for and on behalf of ICAO as a Subject Matter Expert. He is an ICAO Certified Instructor and has conducted training for the full range of ICAO ASTPs and STPs. As an ICAO Aviation Security Audit Officer, he has participated as a Team Leader and a Team member in several audit missions in the Caribbean, North America, Europe and Africa. He served as the Deputy Chairman of the AVSEC/FAL/Regional Group responsible for the North American/Caribbean/South American Regions during the period 2011 to 2013 and has contributed to the development of aviation security practices and procedures throughout the Caribbean.



Mr. Tony Mattioli, Chief of Security Technology, Aviation Security Branch, Transport Canada, Canada

Tony Mattioli is Chief of Security Technology in the Aviation Security Branch at Transport Canada. He is primarily responsible for the development and implementation of regulations related to the performance standards, testing, and technical oversight of aviation screening equipment deployed in Canada. Currently, he is Transport Canada representative on the European Civil Aviation Conference (ECAC) Technical Task Force.

Previously, he was Manager of New Technology Analysis at the Canadian Air Transport Security Authority (CATSA) where he was responsible for new technology evaluation and testing, operational field testing, continuous improvement initiatives, and operational standards. Formerly, he was Research Leader in the iBiTec-S Technology Institute of the French Atomic Energy Commission (CEA Saclay) where he led a fundamental research group.

He has supported senior management short-term and long-term strategic plans for the identification, acquisition, and deployment of future new security screening technologies; and has extensively liaised with national and international regulatory partners, government partners, law enforcement agencies, airport authorities, and industry in matters related to developments in explosives detection technologies. He holds a Ph.D. in Physical Chemistry and has over 25 years of experience developing and working with advanced detection instrumentation and methodologies.



Ms. Beatrice Muthoga, Assistant Security Manager - Quality Control, Kenya Airports Authority, Kenya

Beatrice Muthoga works for the Kenya Airports Authority as the Assistant Security Manager in charge of Aviation Security Quality Control at Jomo Kenyatta International Airport (JKIA), Nairobi, Kenya. She has held this position since 2015.

From 2012 to 2015, Beatrice was the Aviation Security Instructor responsible for the security training at JKIA. Prior to that, she was a Security Supervisor at Wilson Airport, Nairobi. She started off as a screener in 2004.

Beatrice is an ICAO certified Aviation Security Instructor and has conducted missions in South Africa, Malawi and Kenya. She is also an ICAO certified National Inspector and is responsible for the quality control activities such as Audits, Surveys, Inspections and Tests at the JKIA

She is a certified Aviation Security Professional Manager by ICAO and the University of Concordia.

Beatrice holds a Diploma in Economic Crime Management and Bachelors in Business Administration both from Kenya Methodist University. She is also a Holder of an MBA in Aviation Management from Moi University.



Mr. Andrew Nicholson, Chief Executive Officer, Osprey Flight Solutions

Andrew studied Mechanical Engineering at the University of Manchester before joining the Royal Navy. After several deployments he was seconded to the Royal Marines, attending the All Arms Commando Course before joining UK Special Forces in 2006. Over the following years Andrew saw operations in a broad range of theatres, including Iraq and Afghanistan and counter-piracy work off East Africa. Leaving the forces at the height of the Somali piracy phenomenon, Andrew moved into the commercial sector to manage offshore security for a number of major oil and gas companies before taking up a position as head of maritime and aviation security for International SOS and Control Risks in 2014.

As an advocate of both an holistic, data-led approach to risk management and the use of technology to improve the standards of risk management support to the aviation industry, Andrew has pioneered new approaches to aviation risk assessment in order to support operators with services that are truly aligned with their operational needs. Advanced computing techniques including data-analytics and AI play a fundamental role in this and form the backbone of the concept behind Osprey. His goal is to develop the systems and infrastructure that enable every operator, no matter their size and what resources they have, to access the information they need to achieve their highest priority; to keep crew and passengers safe when travelling by air.



Ms. Anne Marie Pellerin, Managing Partner, LAM LHA Consulting

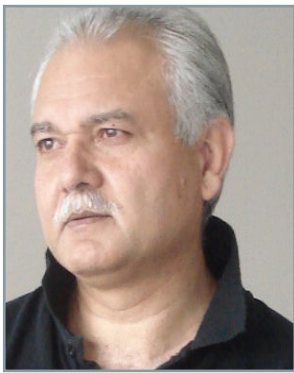
Founder and Managing Partner of LAM LHA, Anne Marie combines strategic thinking and technical know-how to advise senior executives on some of the most pressing challenges and opportunities in the aviation and security sectors. Having served as a senior executive in the U.S. Department of Homeland Security (DHS) in both the U.S. and Europe, she is uniquely positioned to navigate U.S., European, and global regulatory environments and related trends. As part of her time with DHS, Anne Marie served as Executive Director of the U.S. Transportation Security Administration's Checkpoint of the Future Program, overhauling the agency's passenger security strategy and launching multiple new domestic and international partnership initiatives including security scanner/advanced x-ray deployment, mobile boarding pass and risk-based passenger screening. Anne Marie began her career working for former U.S. Secretary of Defense William Cohen as a consultant at The Cohen Group. She has a Masters in foreign policy from Georgetown University and a bachelors in history/German from Wake Forest.



Ms. Carla Pinto, Director, Facilitation and Security Bureau, Portuguese Civil Aviation Authority, Portugal
Director of the Facilitation and Security Bureau since June 2018 and, previously, Head of AVSEC Quality Control Department from January 2012 until May 2018.

Also Chair of the ECAC Security Forum, ECAC Landside Security Vulnerability Assessor, ECAC instructor and auditor, European Commission national inspector.

Works with civil aviation security since 2009, developing technical and strategical decision-making tasks, as well as representing Portugal in national, European and international meetings.



Mr. Shahid Qadeer, Acting Director, General Civil Aviation Authority, United Arab Emirates

Shahid Qadeer is the Acting Director and Senior Specialist Strategy & Corporate Performance Management at General Civil Aviation Authority UAE. He heads the Planning & Performance Management, Innovation and Excellence Departments. He successfully developed and implemented a practical and effective corporate performance management tool that measures and reports the organizational performance. In addition to this, he has automated the creation, development, evaluation and implementation processes for innovation in the GCAA. He manages Aeronnovation Strategy & Award program to promote innovation within the UAE aviation industry.

He has over 30 years of experience in the aviation industry ranging from Operation's Safety Audit, Training, Performance Management, Quality Assurance and Project Management. He has previously worked for some major international airlines in the management positions.

Besides aviation industry, he has also worked in the real estate development sector where he has held senior management positions with Dubailand and Nakheel, two of the major property development organizations in Dubai.

Shahid holds a Master's degree in Business Administration, Bachelor's in Economics and Statistics. He is a certified Balanced Scorecard Professional by George Washington University USA, certified Airlines Operations Safety Auditor by IATA and an ISO Auditor.



Mr. Mohamed Khalifa Rahma, Regional Director, ICAO Middle East Regional Office

Mr. Mohamed Khalifa Rahma is the Regional Director of the International Civil Aviation (ICAO) Middle East Regional Office. Mr. Rahma took over his position on March 20th, 2016. Since that time, he has been instrumental in strengthening regional and inter-regional collaboration in aviation security. This effort includes enhancing risk awareness and response, establishing a better-defined security culture, promoting technologies while fostering new innovations, and improving oversight and quality assurance. Mr. Rahma continues to significantly increase cooperation among member States, global and local organizations. Under his leadership, the Global Ministerial Aviation Summit was held in Riyadh, Kingdom of Saudi Arabia, and concluded with the Riyadh Declaration on Aviation Security and Facilitation in the ACAC and ICAO MID region. Additionally, he was responsible for establishing the Africa and Middle East Aviation Security Roadmap, which formed the basis for the work to be carried out by the relevant regional AVSEC/FAL Groups in line with the Global Aviation Security Plan (GASeP) key priorities. This roadmap is the foundation for the other Regional Roadmaps around the world.

Prior to his appointment as ICAO Middle East Regional Director he was the Undersecretary of International and Internal Affairs at the Ministry of Civil Aviation of Egypt and previously the advisor to the Egyptian Minister of Civil Aviation.

During his tenure, Mr. Rahma played a substantial role in many influential projects that actively supported and enhanced aviation capacity in Egypt. He developed cooperative relationships with government bodies and investors while paving the way for future business partnerships and opportunities. He acted as a liaison person to facilitate communication between the local bodies and the international and regional organizations such as ICAO, IATA, AFCAC and ACAC.

Mr. Rahma was a board member of various companies including Cairo Airport Company, Aerotel Company and EMAC Aqaba Company and chaired many strategic committees under the umbrella of the Ministry of Civil Aviation for special projects and has continuous presence in high level national and regional committees.

Mr. Rahma has 28 years of aviation experience in various fields including aviation management, airline management, operation, safety, training, corporate communication, marketing and crisis management. He is an accredited senior instructor and holds MBA in Aviation Management and is currently working to achieve his PHD in the same field. Mr. Rahma speaks fluent Arabic and English.



Ms. Patricia Reverdy, Deputy Executive Secretary, European Civil Aviation Conference (ECAC)

As the Deputy Executive Secretary of the European Civil Aviation Conference (ECAC) Patricia Reverdy leads ECAC's coordination for international meetings and events. She manages the implementation of ECAC's work programme, in particular on economic and legal matters, as well as on security and facilitation. She also supports the activities of the ECAC expert group on accident investigations. In all these fields of activities, she leads the works among ECAC 44 Member States, and contributes to various international groups.

Patricia has over 20 years of experience in civil aviation. She first joined ECAC in September 2001 as Aviation Security Audit and Assistance Officer having previously worked for the Swiss Federal Office of Civil Aviation.



Mr. Mark Rodmell, Head of Aviation Security Policy and Regulation, Aviation Directorate, UK Department for Transport, United Kingdom

Mark Rodmell is the Head of Aviation Security Policy and Regulation at the Department for Transport in the United Kingdom, and chair of the ICAO AVSEC Panel's Working Group on Threat and Risk. Mark was first involved in aviation policy in 1992 when tasked with reviewing UK policy on aircraft noise. He was from 2003-2008 the UK Head of International Aviation Negotiations for North America and Asia-Pacific, with additional responsibility for facilitation policy. Subsequently he was Head of Aviation Security Policy and International Representation in the UK Department for Transport, and was the UK representative on the ICAO Aviation Security Panel from 2008-2012. Mark was the United Kingdom Permanent Representative to ICAO from 2012-2017 and chair of the ICAO Council's Committee on Unlawful Interference from 2014-2015.



Mr. Christopher Ross, Deputy Head of Unit, Security, Directorate General for Mobility and Transport, European Commission

Christopher Ross is the Deputy Head of Unit for Security in the European Commission's Directorate-General for Mobility and Transport since September 2017. His Unit is responsible for security matters in all modes of transport.

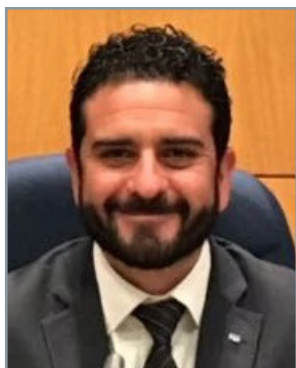
Prior to taking up this post, Mr. Ross was the Head of the EU Office to the International Civil Aviation Organisation for five years (2012-2017).

He also worked at the European Union Delegation in Washington D.C. on a wide range of transport issues, including EU-US air service negotiations, aviation and maritime security in the immediate post 9/11 period, environmental issues (noise and emissions), and the EU-US GPS-Galileo satellite navigation agreement.

In addition to transport, Mr. Ross has also co-ordinated the Directorate-General for Energy's overall energy relations with the Caucasus and Central Asia, including the promotion of new energy corridors.

Throughout, Mr. Ross has worked with the respective Cabinets of European Commissioners and with European Union Member States in the relevant EU Council formations.

Mr. Ross graduated from Institut d' Etudes Politiques de Paris where he specialised in European Community Law, and began his transport career as a market analyst at UTA French Airlines.



Mr. Oscar Rubio, AVSEC Director, the Airport Security Police, National Aviation Security Authority, Argentina

Oscar Anibal Rubio is the AVSEC Director at the PSA (Airport Security Police) that is the National Aviation Security Authority in Argentina. He is a designated member of the ICAO Aviation Security Panel and Chairman of the AVSEC-FAL Regional Group ICAO/LACAC for NAR/CAR y SAM Regions.

He started his aeronautical career in the Air Force in 1994 and then continued working for the PSA. Since 2001 he has been working as an aviation security specialist, performing as auditor and instructor. He was in charge of the application of the National Quality Control Program.

Currently, as Director, he is responsible at the national level for the execution of a comprehensive risk management system and oversights to the development and implementation of national aviation security standards and programs.

Oscar Rubio has regularly served as a certified instructor for ICAO and has participated in many USAP audits as audit team member and this year he also contributed to Aviation Security Audit Section as Team Leader.

He is an officer in the reserves of the Argentine Air Force and holds a degree in Law from the University of Buenos Aires; Specialized in Aeronautical Law, as well as in International Law on Armed Conflicts and International Humanitarian Law.



Ms. Sarah Snarr, Programme Manager, Future Aviation Security Solutions Programme, United Kingdom

Sarah Snarr is the programme manager for the UK Future Aviation Security Solutions team. She has been a programme manager within UK government for several years working for both the Ministry of Defence and the Home Office. She is thoroughly enjoying the new challenge of managing a £25m innovation programme that aims to deliver a step change in aviation security through innovative science and technology.



Mr. Carlos Grau Tanner, Director General, Global Express Association (GEA)

Carlos Grau Tanner is the Director General of the Global Express Association (GEA), which he joined in March 2010. GEA represents the three leading express delivery carriers (DHL Express, FedEx Express/TNT and UPS). In this capacity, he is involved in international policy issues in the areas of trade, trade facilitation, customs, post, and civil aviation, including air cargo security. He leads GEA's delegation to the ICAO AvSec Panel.

Mr Grau holds a Law Degree from the University of Barcelona, Spain, and a Master of Arts Degree in Law and Diplomacy from The Fletcher School at Tufts University in Boston, USA. He was sponsored by Spain's top fellowship programme ('La Caixa').

Before joining GEA Mr Grau was Director, Government and Industry Affairs at the International Air Transport Association (IATA). Mr Grau was the architect of the 'Agenda for Freedom', an industry-led international policy initiative to further liberalise air transport and in particular foreign ownership and control of airlines, which a number of countries and the European Commission endorsed in 2009.

Between 1998 and 2002 he was General Manager, Gov't and Industry Affairs at Swissair, based in Zurich. At the time, Switzerland was in the midst of negotiations with the European Union on a number of market access issues, including air traffic rights, and Swissair embarked on an ambitious expansion policy. Among other things he managed the anti-trust aspects of Swissair's alliances and acquisitions.

He started his career as an international civil servant at the Council of Europe in Strasbourg, France, where he worked from 1993 to 1998 - a time when the Council was rapidly integrating new democracies from Eastern and Central Europe.



Mr. Julien Touzeau, Product Security Director, Americas, Airbus

Julien Touzeau has been recently appointed in Washington, DC as Product Security Director for Airbus in the Americas. Before that Julien hold several management positions in Aircraft Security engineering at Airbus, and was successively in charge of the Innovation in aircraft security, and then in charge of the Governance of Aircraft Security activities, in relation with national and European security agencies.

He was then assigned to Airbus Helicopters to setup a “Product Security Office” within the Corporate Secretary, with the mission to integrate Product Security in the ‘DNA’ of Airbus Helicopters, through the implementation of a comprehensive Product Security Management System. Besides Security, Julien is passionate about ‘Exponential Technologies’, Finance and of course... Flying Objects. He holds a Master of Science in Chemical Engineering from the University of Birmingham, UK and Pau, FR, as well as an MBA from HEC Paris.



Ms. Eleanor Travers, Aviation Security Senior Inspector, Irish Aviation Authority (IAA), Ireland

Ms. Eleanor Travers leads the Aviation Security Division in the Irish Aviation Authority, which is the appropriate authority in Ireland for the purposes of EC Regulation 300/2008. Ms Travers has worked in aviation throughout her career initially in airport operations and latterly in aviation security. She worked at international level with the European Civil Aviation Conference (ECAC) based in Paris before returning to Dublin to work for the Authority. The Authority’s Aviation Security Division is responsible for processing approvals, conducting compliance monitoring, certifying personnel and coordinating aviation security matters with more than 400 regulated entities. She is currently Deputy Chair of ECAC’s Guidance Material Task Force and is committed to promoting information and experience exchanges that improve the effectiveness of the national and global aviation security system.



Mr. Matthew Vaughan, Director, Aviation Security, International Air Transport Association (IATA)

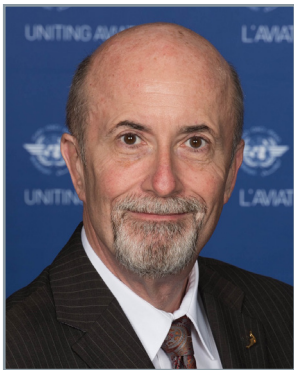
Matthew Vaughan is the Director, Aviation Security for International Air Transport Association (IATA), based in Montreal, Canada. Previously, Matthew worked for Etihad Airways, the National air carrier of the United Arab Emirates for over eight years of which he spent the last five years as the Head of Aviation Security.

Matthew has over 18 years security management experience drawing from law enforcement, Federal Government and private sector security roles. He has spent a large portion of his career thus far in the Middle East, both vocationally and academically developing interests in the utility of integrated risk models and continuity of civil aviation.

Drawing directly from his experiences with Etihad Airways, Matthew’s instinct towards supporting executive-level risk decision-making continues to feature in view of an ever-evolving threat to civil aviation. In support of this, Matthew’s role with IATA is strategically premised on the promotion of baseline compliance to Aviation Security standards and recommended practices. Moreover, leveraging an all-hazards, risk-based approach through strategic threat analysis and business continuity planning in a high threat, high reliability industry.

Previously, Matthew worked as a New South Wales Police Force Constable (Sydney, Australia) which culminated into a national security management role with the Australian Government (Canberra, Australia). The balance of his government security career led towards to a national project management role with DHL Express and a consultancy role with GHD Pty Ltd based in both Kingdom of Saudi Arabia and Dubai, United Arab Emirates.

Matthew has a Master’s Degree in Science, majoring in Risk Management and Security. In addition, Matthew holds a Bachelor Degree in Policing and Justice and a Postgraduate Diploma in Criminal Intelligence, as well a number of aviation security management qualifications.



Mr. William R. Voss, Special Adviser to the Director of Air Navigation Bureau, International Civil Aviation Organization (ICAO)

Mr. William Voss is the Special Adviser to the ICAO Director of Air Navigation Bureau on matters related to international aviation policy and safety. Until recently, he served on the ICAO Air Navigation Commission where he was one of 19 independent experts from appointed by countries from around the world to advise the ICAO Council on the adoption of international standards and oversee the technical panels that develop those standards.

Previously Voss served as the President and CEO of the Flight Safety Foundation, an independent non-profit organization that supports international aviation safety activities. He was a widely recognized as an advocate for aviation safety, and worked around the world with senior officials, regulators, and industry partners to promote best practices and address emerging safety challenges.

Prior to that he was the Director of the Air Navigation Bureau at ICAO where he directed the development of international standards, guidance material, and the implementation of global programs, such as the implementation of Safety Management Systems and the ICAO Universal Safety Oversight Audit Program.

Bill started his aviation career at the age of 15. He was certified as an Airline Transport Pilot and an Airframe and Powerplant Mechanic and was then joined the Federal Aviation Administration as an as an air traffic controller. He held a number of operational and staff positions at the FAA and ultimately had executive responsibility over the research, development, and acquisition of many of the FAA's air traffic control automation and surveillance systems.

He holds a Master's Degree in Public Administration from the University of Oklahoma, and a Bachelor's Degree in Aviation Maintenance Management from Lewis University.



Mr. John Velho, Chief of Screening Oversight and International Operations, Transport Canada, Canada

John Velho is currently the Chief of Screening Oversight and International Operations at Transport Canada. He has extensive experience in the field of Aviation Security and has been a key resource in the development and implementation of Canada's National Civil Aviation Security Training Programme (NCASTP), a program that he led after the events of September 11, 2001 and has since trained over 300 AVSEC inspectors. He has developed many training programs related to quality control, screening, investigations, audits, risk management and many other programs in regards to AVSEC.

He holds degrees in psychology, business and labour relations and has been with Transport Canada for 18 years. As the formal lead for Transport Canada's Multimodal Integrated Technical Training Program, John has championed many safety and security projects related to rail, aviation and marine.



Mr. Rongguo Xue, Commander in Chief, Air Marshals, Public Security Bureau, Civil Aviation Administration of China (CAAC), China

Rongguo Xue, with 26 years of experience in aviation security and civil aviation policing, has engaged in the development and amendment of Civil Aviation Law, Civil Aviation Security Regulation, Security Inspection Rules, National Civil Aviation Security Programme of China, Airport Security Facility Standards and other important documents including laws and regulations, rules and standards, and contributed to the development and implementation of CAAC security audit and the development of Security Management System (SeMS). Since 2011, Mr. Xue has been in charge of aviation security regulations and standards, development and implementation of national regulatory rules, security training, international cooperation, SeMS, industry reform and leading of air marshals.