

## 2017 EASA–FAA International Safety Conference

### Panel 6: Challenges and Opportunities: New CNS/ATM Technologies and Safety

Thursday 15 June 13:30 – 15:00  
Room Klimt

### Speaker Biographies

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## **Anthony S. Ferrante**

Director, Air Traffic Safety Oversight Service  
Federal Aviation Administration



For the past ten years, Anthony “Tony” Ferrante has served as the Director, Air Traffic Safety Oversight Service, where he is responsible for the safety oversight of the U.S. air traffic control system, including operations, maintenance and the development and acquisition of new systems.

Tony has been involved in aviation for nearly 40 years, holding a variety of management positions with the FAA, following a tour starting in 1976 as an air traffic controller in the United States Air Force.

## Giancarlo Buono

Director Safety and Flight Operations for Europe  
International Air Transport Association



Capt. Giancarlo BUONO is the Director Safety and Flight Operations for Europe at the International Air Transport Association (IATA), based in Brussels, Belgium. In this function he is responsible for the delivery of IATA Safety and Flight Operations Strategy in Europe and for the liaison with European Regulators, the EC and EASA on issues relating to air transport Safety and Flight Operations.

His professional expertise consists of extensive flight operations and quality-safety management experiences. With 27 years of experience in the Air Forces and Airline industry he is currently qualified as a Captain on the Airbus A-320 family. He holds a Master Science Degree in “Air Transport Management” from London City University and has been involved in a number of international Safety and Quality developments programs.

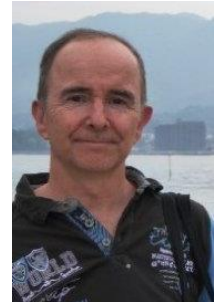
He is qualified as an Accident Investigator and as an IATA and ISO Quality and Safety Auditor. He has received formal training in Human Factors and Crisis Communication.

Capt. BUONO is visiting professor in Airline Regulatory Compliance at London City University and in Safety Management at Geneva University. He is a Fellow of the Royal Aeronautical Society.

## Jean-Marc Loscos

European Programmes

Direction des Services de la Navigation Aérienne (DSNA)



Since 2012, Strategic planning and coordination for European projects - DSNA representative at several European bodies like CANSO TECHNICAL task force (chair since 2015), Industry Coordination Body - Technical Sub Group.

Active contribution to SESAR projects related to the European ATM Master Plan including for SESAR2020 (PJ20 and PJ19).

Member of the EUROCAE Technical Advisory Committee. French representative to the ICAO Surveillance Panel.

Before that, 10 years on R&D at DSNA Research Center in Toulouse on ACAS and ASAS topics mostly in European programmes and ICAO adhoc groups.

From 1994 to 1999, Technical Officer at the ICAO ANB/CNS section in Montreal in charge of surveillance and collision avoidance systems.

Graduated from ENAC in Toulouse in 1982.

## Marouan Chida

CNS & Avionics Expert  
SESAR Joint Undertaking



Marouan CHIDA is the SESAR JU's CNS and Avionics Expert. He is actively involved in SESAR CNS and Avionics activities, providing expertise for effective technology and architecture development across the SESAR programme. He's in charge of international coordination on Communication, Navigation, Surveillance (CNS) & Airborne Interoperability.

Before joining the SJU, Marouan worked for AIRBUS, where he lead an ATM & Avionics development team, managing the SESAR i4D project and was involved in strategy and advanced technology development for flight management systems and ATM. He is experienced in the development of advanced ATM concepts and new technologies in the avionics and in ground systems."

He is graduated from the Ecole Nationale de l'Aviation Civile (ENAC), the French school of civil aviation, where he achieved an engineering degree in civil aviation as well as a master degree in Air-Ground Collaborative Systems Engineering."

## Nathalie Dejace

Acting Director General  
Belgian Civil Aviation Authority

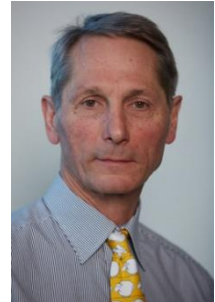


Nathalie Dejace is currently the Director General (a.i) of the Belgium Civil Aviation Authority. Nathalie has an extensive experience in various Aviation domains as she started in 1993 as Project Engineer in Meister Benelux then for the Belgian Science Policy programmes. She joined the Belgian Civil Aviation Authority in 2007 as a Certification Engineer. In 2010 she became Head of General Aviation Department in the Company Approvals Directorate and in 2014 was nominated Deputy Director General.

She is an Electro-mechanical engineer (Space Division) from Liege University and has also a Management degree in Hautes Etudes Commerciales (Liège)

## Pascal Medal

Chief Engineer  
European Aviation Safety Agency



Started his career as Project Certification Manager at DGAC-F.

He then worked for the DGAC OPS department, specifically as DGAC-F member in the JAA Equipment Sub Committee (EQSC) JAR OPS 1, also involved in Flight Simulation Training Device And AWO (All Weather Operations)

From March 2001 to early February 2004, appointed JAA OPS Sectorial team coordinator at JAA (Hoofddorp). During that period he was the JAA member of the International MMEL policy WG and Chairperson for the JAA MEL Policy WG. (ex: TGL 26)

P.Medal then joined EASA in March 2004, as Large Aeroplane Section Manager.

From September 2007 to September 2014, he was Head of the Experts Department (C2), responsible for the management of Airworthiness experts, OSD experts and FSTD experts.

P.Medal has been involved in the development of standardisation bodies since 2004.

He is the Chairperson of the EASA Internal International Standardisation Committee (IISC) since end 2014. He represents EASA in the EUROCAE council and in the European ATM Standardisation Coordination Group.

Since September 2014, P.Medal is the EASA Chief Engineer.

## Steve Bradford

Chief Scientist - Architecture and NextGen Development  
Federal Aviation Administration



Steven W. Bradford is the Federal Aviation Administration's (FAA) Chief Scientific and Technical Advisor for Architecture and Next Generation Air Transportation System (NextGen) Development. He is the Chairman of the Technical Review Board, which monitors technical decisions; related investments; and the Enterprise Architecture. Mr. Bradford works with elements of the FAA to develop midterm plans and five-year budget requests to implement NextGen. He has a leading role in NextGen's International engagement activities with SESAR Joint Undertaking, and has led several co-operative international efforts with EUROCONTROL.

Mr. Bradford has been a major contributor to the development of the Joint Planning and Development Office's NextGen Concept, [the RTCA National Airspace System (NAS), Operational Concept and the International Civil Aviation Organization (ICAO) and Air Traffic Management Panel Global Concept.] He was a member of the ICAO technical team that authored the latest Global Air Navigation Plan and recently became the United States Panel Member on the Air Traffic Management Requirements and Performance Panel.

Prior to becoming Chief Scientist, Mr. Bradford managed the NAS Concept Development Branch in the Office of System Architecture and Investment Analysis at the FAA. In this role, he led efforts to develop and validate future concepts and to develop the service-based framework and the online version of the FAA's NAS Enterprise Architecture. Previously, he was Technical Advisor for Free Flight and System Architecture, Program Analysis and Operations Research Division, Office of System Architecture and Program Evaluation at the FAA. In that role, he was a major contributor to the concept section of the RTCA Task Force 3 report and to the FAA's response. Mr. Bradford served as the FAA Program Manager for Air Traffic Modeling, Model Development Division, Operations Research Service. In that position, he was responsible for the continued development of the FAA's Airport and Airspace Simulation Model and National Airspace System Performance Analysis Capability simulations.