



AIM - Challenges and Solutions



PROGRAM



PRESIDENT MESSAGE

Dear Colleagues

One more year and another Global AIM.

This year I'm very pleased to welcome you at this beautiful and warm place. With this Global AIM we are showing to the Aviation community that AIS is pretty much alive and is a very important pillar for the safety of air navigation.

I wish that we all can share experiences and contribute to a better Aeronautical Information for a very high quality of information for safe flights.

Global AIM is here for you so, participate and enjoy the flow of the sessions and workshops, share your expectations and also your issues and I'm sure there will be always someone trying to share his/her own experiences.

Meanwhile enjoy Brazil and especially the wonderful city of Rio de Janeiro.

Thank you and welcome

Fernando Lopes
IFAIMA President



BADGE

The use of badge to enter the conference and exhibition area will be mandatory during all times.

MOBILE PHONE

We ask all phones to be turned off in the conference room.

Useful numbers

Event headquarters hotel
Hotel Windsor Barra -
www.windsorbarrahotel.com.br
Address: Avenida Lucio Costa, 2.630 –
Rio de Janeiro RJ
+ 55 21 2195-5000

Airport

Rio de Janeiro International
Airport - Galeão - Brazil
Telephone information:
+55 21 3004-6050

Bus station

Telephone information:
+55 21 3213-1800

ATM

The Windsor Barra Hotel offers automated teller machine ATM, for withdrawals by credit card.

Barra Shopping Center and New York City Shopping Center

Av. das Américas, 5000 -
Barra da Tijuca, Rio de Janeiro - RJ,
22640-102

The Mall brings together more than 700 shops, restaurants and leisure area. New York, in addition to food and services, has 18 cinemas.

Downtown Shopping Center

Av. das Américas, 500 -
Barra da Tijuca, Rio de Janeiro - RJ,
22640-100

It is the first outdoor mall in the city. Offers visitors a delightful atmosphere of a tourist town with storefronts in the open air.

Village Mall

Av. das Américas, 3900 -
Barra da Tijuca, Rio de Janeiro - RJ,
22640-102

For those who love luxury and sophistication, the Mall has shops of famous brands like Gucci, Louis Vuitton, Hugo Boss, Tiffany & Co., Prada.

Weather

Rio de Janeiro is a subtropical city. The summer season extends from December to March with temperatures ranging from 25° C (77° F) to 42° C (108° F); the winter lasts from June to August, with the temperature around 20° C (68° F) during the day and 16° C (60° F) at night.

Communications

The city has an excellent communication system that connects Rio de Janeiro to the rest of Brazil and the world. Direct dial and collect can be made from any phone. Public telephones are located throughout the city, including in the sand on the beaches, and operate with phone cards. Cell phones laptops can be rented at low cost by visitors. The direct-dial code for Rio de Janeiro is 21.

Taxis

Rio de Janeiro has a large fleet of taxis, almost all equipped with air conditioning. Ordinary taxis, identified by the yellow color, circulate the streets with meters. Special taxis operated by licensed companies serving airports and hotels can be called by phone. At airports and major shopping malls, most special taxis work with fixed rates by area, which may be paid in advance at counter of the company, where a price list must be affixed.

Tips

Hotels: the hotels usually include service charges in the checks.

Restaurants: the tips are optional, but are often found at the end of the checks as a “suggestion”. In Rio they usually pay 10%.

Taxis: taxi drivers do not require tips, although most passengers round for more the fare paying when you are satisfied with the service.

Carts to load bags at the airport: free

Culture

Rio de Janeiro has an intense cultural life, offering over 200 locations for movies, theater, musical and artistic exhibitions, more than 50 museums and 87 libraries. In addition to the traditional museums, the city houses museums devoted to trains, planes, trams, jewels and precious stones, sports, Indians, primitive art and even to the Brazilian Carmen Miranda, among others.

Emergency Phone numbers

- Police - Phone: 190
- 16ª Police Station, Barra da Tijuca - Phone: + 55 21 2333-6364 (24-hour service)
- Fire Department 193
- Tourist police - 24-hr. contact line Phone: + 55 21 3399-7170
- Barra da Tijuca Hospitals:
 - Municipal Hospital Lourenço Jorge Phone: + 55 21 3111-4600
 - Samaritano Barra Hospital Phone: + 55 21 3263-1000
 - Vitória Hospital Phone: + 55 21 3263-2000
 - Barra D’Or Hospital Phone: + 55 21 2430-3600
 - Unimed Rio Hospital Phone: + 55 21 3883-1000



Roberta Luccioli

RLuccioli@icao.int

Ms. Roberta Luccioli is an Aeronautical Information Management (AIM) Technical Officer at the International Civil Aviation Organization (ICAO), appointed beginning July 2011. Roberta is an environmental engineer with ten years of experience in the aviation field. Prior to joining ICAO, Roberta has served the private sector for five years and has collected experience on AIM products, processes and services by supporting States and national air navigation service providers to implement data-driven systems and smoothly transition from aeronautical information services to aeronautical information management environments. Within ICAO her main focus has been on the development of standards and recommended practices (SARPs) to support the aeronautical information services improvement. In line with Aviation System Block Upgrades (ASBU), she has been working with the support of the ICAO AIS-AIM Study Group to encourage the implementation of digital, real-time, accredited and secure aeronautical information environments and to create the foundation for increased information integration. Lately she has been selected as ICAO Secretary of specialized expert groups on instrument flight procedure design and obstacle management to promote the implementation of Performance based-navigation (PBN) procedures and develop the conceptual foundation of revised obstacle limitation surfaces.



Stephane Dubet

stephane.dubet@aviation-civile.gouv.fr

Stephane DUBET is a civil aviation engineer who graduated from the Civil Aviation Academy in 1992. Currently Head of Research and Development within AIS France, Stephane has been actively involved in numerous international standards about aeronautical information and data management. In particular, he is the ICAO IM Panel French member and he acts as the Chairman of EASA Rulemaking Group on AIS-AIM.



Engelbert Liebhart

engelbert.liebhart@frequentis.com

Engelbert Liebhart is responsible since 2009 for the Frequentis AIM Sales Team. He can look back on over 30 years of experience in various local and international management positions within the IT, telecommunications and aviation industry and brings extensive industry expertise with him. The main stations of the international career of the Vienna University of Technology graduate include the Vienna University of Technology, Siemens, Siemens Airports and Frequentis.



Jorge Armoa

jarmoa@icao.int

Jorge Concepción Armoa Cañete is 45 years old, Paraguayan nationality, Senior Technician in Meteorology and Bachelor of Mathematical Statistics. He has worked in the Civil Aviation Authority of Paraguay (DINAC) from 1993 to 2014 in the Area Aeronautical Meteorology, first as an observer, then as a forecaster from 1994 and finally as Head of Department from 2003 to June 2014. In addition, He worked at the Polytechnic School of the National University of Asuncion from 1992 to June 2014 as Technical Faculty, Professor of General Circulation of the Atmosphere, and University Extension Manager. Currently and since 2014, he is Official Regional AIM / MET of the ICAO SAM Regional Office.



Ruedi Schneeberger

Schneeberger@itv.ch

Rudolf Schneeberger has an Engineering Diploma of ETH Zürich (Swiss Federal Institute of Technology) and a Master of Science degree of Ohio State University, USA. Since 1993 he is director of ITV Consult AG, a Swiss consulting company in Information Management. With his strong background in Spatial and Aeronautical Information Management, Rudolf Schneeberger has over 12 year experience in supporting Civil Aviation Authorities and Air Navigation Service providers in the transition from AIS to AIM.



Tomasz Różyński

tomasz.rozynski@pansa.pl

Director of Airspace Management and Operational Planning Bureau of PANSA (Polish Air Navigation Services Agency) since 2011. AIM Department is a part of a bureau, among others such as: Airspace Management Department, ATM system Development Department, Instrumental Flight Procedures Design Department). Prior to that, he was Head of Strategic Planning Unit. Graduate studies: Warsaw University of Technology faculties Air Transport Steering and Digital Economy. Postgraduate studies: Warsaw School of Economics faculty Financing. And most important... Proud father of Miłosz and Kacper.



Marek Dockal

dockal@ans.cz

He is the Air Navigation Services of the Czech Republic (ANS CR), Head of AIS. Marek Dockal has graduated from the Technical University of Brno, Czech Republic as an aviation engineer in 1998. He started his career as the Head of Charting Office at Air Navigation Service of the Czech Republic (ANS CR). Later he moved to the ATM Planning and Development Division where he was responsible for development projects in areas of AIM, ARO, SAR and GIS. Since 2012 he is acting as the Head of AIS at ANS CR. Marek Dockal is a member of several international bodies dealing with the AIS to AIM transition including EUROCONTROL and CANSO. He was acting as the Chairmen of the EUROCONTROL AIM/SWIM Team for the last four years.



Alexi Batista

Alexi.batista@idac.gov.do

Alexi Batista is a Civil Engineer by the Autonomous University of Santo Domingo (UASD). He has followed other training courses such as Radar Air Traffic Controller, APP/ACC, at the PAN AM International Flight Academy, Aeronautical Information Services Technician, Aeronautical Cartography Technician, Aeronautical Publications Technician, Procedures for Air Navigation Services - Aircraft Operations, Volumes I and II (PANS-OPS), at COCESNA, the American Centre of Aeronautical Capacitation Institute, Performance Based Navigation (PBN), at ICAO, Procedures for Air Navigation Services - Advanced at the FAA Academy and Airspace Manager at IDAC, the Dominican Republic Civil Aviation Institute.



Antonio Locandro

antonio.locandro@cocesna.org

Antonio Locandro is a Civil Engineer-turned-GIS specialist, working since 2008 for COCESNA as GIS Specialist, where he deals with aeronautical database, AIP, aeronautical cartography, and procedure design among other things. Currently in charge of the project implementation for the new AIXM 5.1 Aeronautical suite including SDO, Aeronautical Charting and Procedure Design. Mr. Locandro is an active member of the AIXM community participating in the CCB and in the past has worked as ICAO TCB consultant for Airport Obstacle Protection Areas Master plan review.



Luiz Carlos Mendes Souza

luizlcms@decea.gov.br

1st Tennent QCOA ANS Luiz Carlos Mendes Souza is the Head of the Operational IT Section of the Brazilian Aeronautical Cartography Institute. Software developer specialist, Bachelor in Computer Science and former Chief of the AIM-BR Database Section of the Brazilian Aeronautical Cartography Institute.



Joseph J. Miceli

jmiceli@dispatcher.org

President of the Airline Dispatchers Federation (ADF), a non-labor volunteer professional organization representing interests of its 1,990 Aircraft Dispatch members. ADF constituency is comprised of FAA FAR121 aircraft dispatchers, operational control personnel including US airlines, express carriers, international members, pilots, students, and airline personnel. Aside from the ADF, he's been employed with United Airlines for 29 years with 21 years of dispatch experience and 28 years of operational experience. Current and qualified as an ADI (Aircraft Dispatch Instructor) for current and future dispatch prospects, US Domestically, North Pacific, South Pacific, Atlantic, Middle East, South America, and CRAF (Civil Reserve Air Fleet). Born, raised, and educated in Chicago, he currently resides in the western suburbs.



Antonio Dominguez

antonio.dominguez@groupead.com

Mr. Domínguez has extensive knowledge in Air Navigation Services and Marketing and Sales. He holds a degree in Advertising and Public Relationships, with a specialization in Marketing. He also holds a tower ATC student license, an apron control license and an AFIS license. Mr. Domínguez has worked as an apron controller at Frankfurt Airport and as an EAD AIS operator at GroupEAD. Currently, Mr. Domínguez is the Head of Marketing and Sales of GroupEAD, supporting the AIM community with the transition from AIS to AIM.



Fred Calfior

Fred.J.Calfior@nga.mil

Fred Calfior is the International Aeronautical Representative (liaison) for the National Geospatial-Intelligence Agency (NGA) in St. Louis, Missouri, United States. He has a background as an Annapolis Naval Academy graduate of 1975, a military jet aviator for 10 years, followed by a flight instructor, standardization officer and training manager for Embry-Riddle Aeronautical University in Prescott, Arizona for 20 years. As an aeronautical analyst for NGA since 2001, he has worked multiple countries throughout the world with their Aeronautical Information Publication information submitted to NGA. Currently, he works within the dynamics of memorandum agreements, subscription services, discrepancy resolutions and AIS site visits for the South/Central American, Caribbean, European and African nations of the world.



Roland Baumann

roland.baumann@skyguide.ch

Roland Baumann is head of planning and development AIM with the Swiss air navigation service provider Skyguide, where he is responsible for AIM development, regulation management, and strategic projects as well as for representing AIM Switzerland in national and international organisations such as ICAO or Eurocontrol. Roland studied at the Swiss Federal Institute of Technology in Zurich holds a M.Sc. Degree in Natural Sciences (geosciences and geomatics). He has gained professional experience in the aviation MET environment, industrial experience in the travel and transportation sector and AIM experience in the ANSP environment.



Fernando Lopes

fernando.lopes@ifaima.org

Since 1987 at North Atlantic Operations he performed as aeronautical station operator, Aeronautical Communications and Flight Data Processing Service. After 2000 he had functions in the area of Aeronautical Information, Aeronautical Communications and Flight Data Processing Service - NOTAM Office, ARO, COM Center and FDP. Since 2006 he has been performing as AIS Advisor, including among other, NAV Portugal representative of the functions from Eurocontrol in the electronic terrain and obstacles database as well as ANAC (Portuguese Regulator) National Working Group. Functions in the charting area for the preparation of aeronautical charts (AIP and VFR Manual) and Functions in the AIP. At same time and since 2004 he is President of the Portuguese AIS and COM Association and since 2009 President of IFAIMA.



Dennis Hart

dennis.hart@eurocontrol.int

Dennis Hart is currently responsible for the day-to-day management of the Information Management Unit of EUROCONTROL, besides being the EUROCONTROL Senior Aviation Meteorology Expert, and in this position the co-chair of the EUROCONTROL AIM/SWIM Team. He has wide experience in topics related to Information Management for Aviation and was in this role, one of the core contributors in the development of the SESAR workpackage on Information Management (WP8). He is now intensively engaged in the deployment of SWIM in the European Region and supporting various SWIM demonstration initiatives around the globe.



Julio Pereira

pereiraj@iata.org

Julio Pereira is Graduated in Law at the Federal University of Rio de Janeiro, he used to perform as Specialist in Air Traffic Management at the Institute of Airspace Control, Expert in Project Management at Getulio Vargas Foundation, Air traffic controller (Tower, Approach and Area Control Center), Expert in Airspace Planning, Chief of Operational Strategic Planning Section at DECEA, Chief of Operational Division of the Aeronautical Cartography Institute, Air Traffic Management and Search and Rescue Expert at the ICAO South American Office (Lima, Peru). Currently he is IATA Assistant Director – Safety and Flight Operational in São Paulo, Brazil.



Adriana Mattos

Adriana.Mattos@sitaonair.aero

Adriana Mattos started her professional life as an Air Traffic Controller in the Brasilia ACC, at CINDACTA 1, Brazil. In 1985, she has joined the Brazilian Aeronautical Authority and worked during 15 years in different areas such as flight plan processing systems, ATC displays, radars, radio communication, infrastructure, nav aids, air defense, weather, etc., all of them related to the major air traffic projects in Brazil: the Brazilian Airspace Control System (SISCEAB) and Amazon Surveillance System (SIVAM). She joined SITA in Sep, 2000 as Business Development Manager and since then she is responsible for new business development and expands sales coverage in the Latin America and Caribbean for AIRCOM's air traffic control portfolio from SITAONAIR. Adriana has a Computer Programming degree from Rio de Janeiro Federal University (UFRJ) and obtained her MBA Marketing degree in the COPPEAD Graduate School of Business that belongs to UFRJ in 2003. In Oct 20th, 2004, she was awarded with the Santos Dumont Medal of Merit by the Brazilian Aeronautic Command for relevant value adding contribution to the Brazilian aviation.



Camila Bassetto Guedes

camilacbg@decea.gov.br

Cartographer E/jngineer Engineer, with Master degree in Public Administration. Worked in Aeronautical Cartography Institute from 2005 to 2009. Works since 2010 in the Aeronautical Information Planning Section of the Department of Air Space Control.



Peter Mattern

peter.matern@eurocontrol.int

After having finalised his ATC study at the Airforce Academy, Peter was working at TWR and APP Controller in Landsber and transferred to Lippe Radar in 1984 as Team Leader.

In 1988 he joined EUROCONTROL at Maastricht UAC working in different functions in the Operations Division such as Data Management, Executive Manager, followed by Manager AIM dealing with SESAR SWIM and FABEC as Chairman of FABEC AIM Steering Group. Since May 2013 he is the Head of European AIM Unit at EUROCONTROL in Brussels responsible for EAD.



Phillip Diaz

Phillip.diaz@adeia.org

Phillip Diaz is a NOTAM Specialist at IDAC the Dominican Republic Civil Aviation Institute. He is President Of The Dominican Association of Specialist of Aeronautical Information (ADEIA). He has a Degree in marketing from Universidad del Caribe and several other training such as AIS-AD from IDAC, NOTAM Elaboration and interpretation, AIS, ATS-ARO, ATC courses from ASCA the Superior Aeronautical Science Academy, AIM from IATA. He has attended the ICAO Lima CAR/SAM AIXM/UML/XML/GML Seminar/Workshop in 2015.

08:30-10:00 Registration

Session 1: Introduction

10:00-10:05	IFAIMA Welcome	Fernando Lopes	IFAIMA
10:05-10:10	Opening Speech by SAC	Rafael Faria	Brazil
10:10-10:15	Opening Speech by DECEA	Carlos Vuyk de Aquino	Brazil
10:15-10:20	Opening Speech by ICAO	Roberta Luccioli	ICAO Montreal
10:20-10:25	Opening Speech by EUROCONTROL	Dennis Hart	EUROCONTROL
10:25-10:35	Group Photo		

10:35-11:20 Coffee Break - M-AIS



Session 2: ICAO (Global) IM & AIM Developments

11:20-11:40	SWIM	Roberta Luccioli	ICAO Montreal
11:40-12:00	IM Panel	Stephane Dubet	France
12:00-12:20	Annex 15 & PANS-AIM	Roberta Luccioli	ICAO Montreal
12:20-12:50	Industry Stream	Engelbert Liebhart	FREQUENTIS

12:50-14:20 Lunch Break - FREQUENTIS



Session 3: ICAO (Regional) AIM Developments

14:20-14:40	ICAO SAM	Jorge Armoa	ICAO SAM
14:40-15:20	ICAO APAC / MID / NACC / AFI	Roberta Luccioli	ICAO Montreal

15:20-16:05 Coffee Break - Avitech



Session 4: AIM Challenges & Solutions

16:05-16:25	AIM/AIM European Regulation	Stephane Dubet	France
16:25-16:45	Data Catalogue	Ruedi Schneeberger	Switzerland
16:45-17:05	Formal arrangements with Data Originators-PANSA Approach	Tomasz Różyński	Poland

17:05-18:35 Welcome Cocktail by GroupEAD



Session 4: AIM Challenges & Solutions

09:00-09:20	TOD Implementation and Digital data distribution	Marek Dockal	Czech Republic
09:20-09:40	Procedure Designer & AIM data	Alexi Batista	Dominican Republic
09:40-10:00	Towards AIXM & Eletronic Chart Implem.: Challenges & Best Practices	António Locandro	Honduras
10:00-10:20	AIM to AIM - Brazil	Luiz Souza	Brazil

10:20-11:05 Coffee Break - CGX Aero



11:05-11:25 AIM and Operational Control - US Perspective

Joseph J. Miceli ADF

11:25-11:55 Industry Stream

Antonio Dominguez GroupEAD

11:55-12:15 The NGA Aeronautical Information Specialist Credentialing System

Fred Calfior USA

12:15-12:35 Just Culture

Roland Baumann CANSO / Switzerland

12:35-12:55 AIM Staff

Fernando Lopes IFAIMA

12:55-14:20 Lunch Break - IFAIMA



IFAIMA

14:00-16:00 9th IFAIMA General Assembly

14:20-15:40 Workshop 1 - Data Catalogue - Moderator Ruedi Schneeberger

Workshop 2 - Aeronautical Data Exchange - Moderator Dennis Hart

Workshop 3 - TOD - Moderator Stephane Dubet

15:40-16:25 Coffee Break - Skyguide

skyguide

14:00-17:00 Industry Time

18:30-00:00 RIO WELCOME - SINA



09:00-09:45 Conclusions and debate on the Workshops Ruedi / Dennis / Stephane

Session 5: AIM - Clients point of view

09:45-10:05 Adequate and Timely Information Basis for Safety and Efficiency Julio Pereira IATA

10:05-10:25 Air Ground Datalink Communications in SAM Region Adriana Mattos SITA

Session 6: AIM - Look into the future

10:25-10:45 METEO perspective Dennis Hart Eurocontrol

10:45-11:30 Coffee Break - EVERIS



11:30-11:50 New European AIS Database Service and Functions Peter Matern Eurocontrol

11:50-12:10 UAV for Mapping Philip Diaz Dominican Republic

12:10-12:20 Report from AIMROG meeting Camila Guedes Brazil

12:20-12:30 Report from CANSO meeting Roland Baumann CANSO

12:30-14:00 Lunch Break - IFAIMA



14:00-14:30 Q&A All

14:30-14:50 Summary, Conclusions, Recommendations Roberta Luccioli ICAO Montreal

14:50-15:10 Close out Fernando Lopes IFAIMA




15:10-15:20 Presentation of the Global AIM 2017 Fernando Lopes and Host IFAIMA / Host Country

15:20-16:20 Farewell / IDS



Floor plan with stand allocation



-  Fire extinguisher
-  Emergency Exits
-  Way to the conference





EXECUTIVE
SECRETARIAT