



ICAO



INNOVATION FAIR

24

SEPTEMBER
2022

26



#FUTUREAVIATION

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AIRBUS

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2 out of 3 aircraft
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TopSky - UAS

Unlocking Safe & scalable Drone operations

01



PARTICIPANT GUIDE

REGISTRATION & ACCESS

01. The virtual 2021 ICAO Stocktaking event is **free to attend - registration is required.**

02. Click [here](#) to register online. Should you have any issue registering, please contact registration@icao.int.

03. This event can host a limited number of participants; therefore, registration is on a **first-come, first-served basis.**

04. Each participant will receive a **unique Zoom link**, which is not to be transferable.

05. The connection details to join the virtual event will be provided by email from webinar@icao.int closer to the start of the event.

06. A free Zoom account is required to join the event. Please visit www.zoom.us/signup to create an account.

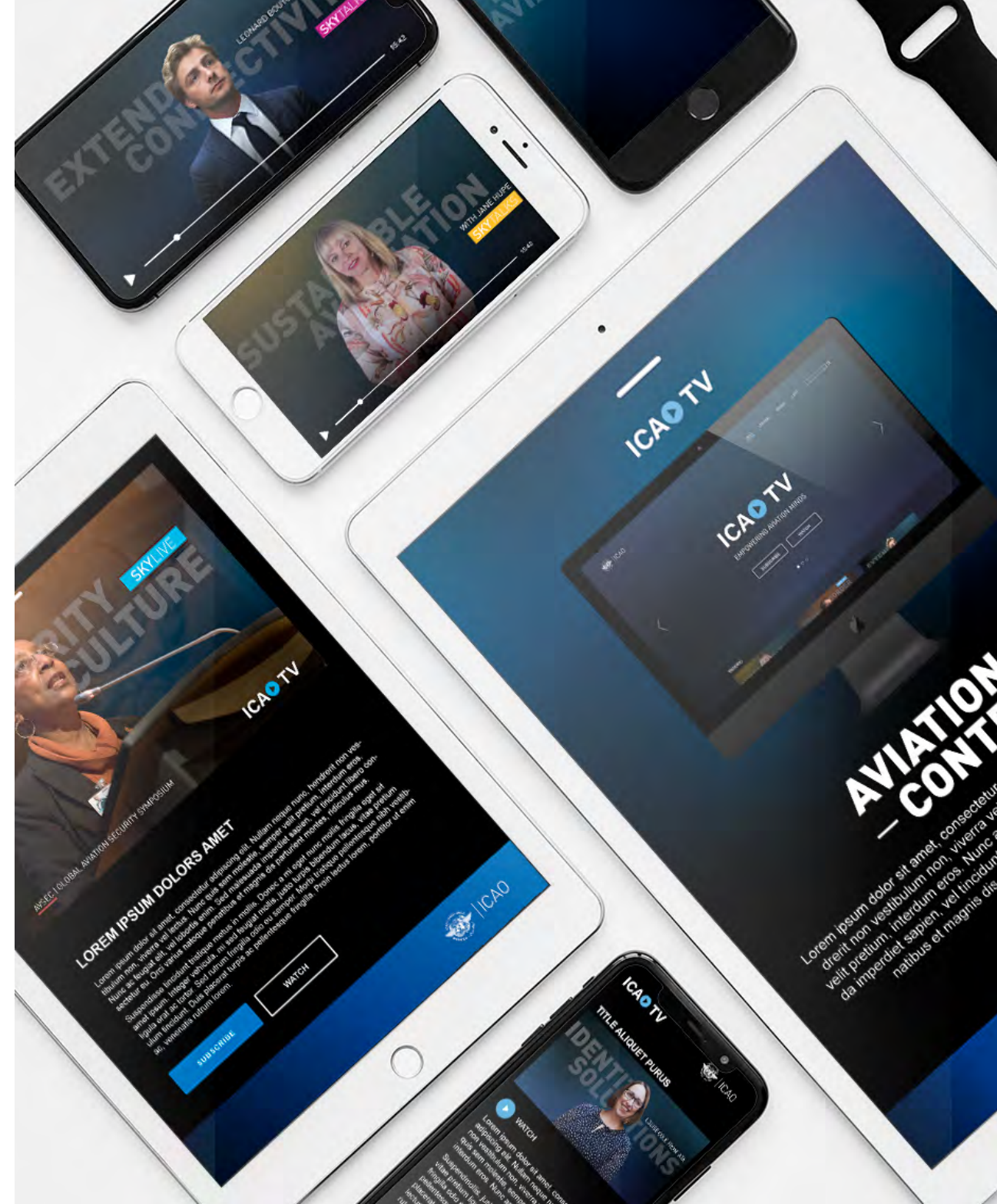
ICAO TV

After the event, you can rewatch your favorite sessions and panels from anywhere and on any device from ICAO TV.



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ICAO INNOVATION FAIR 2022



02



SPEAKERS PROFILES



Click here to view the full speakers
list and bios

[CLICK HERE](#)

03



AGENDA

DAY 1

SATURDAY, SEPTEMBER 24

09:00 – 09:05 **ADMINISTRATIVE ANNOUNCEMENTS**

09:05 – 09:15 **WELCOME REMARKS**

Mr. Salvatore Sciacchitano, President of the International Civil Aviation Organization (ICAO) Council

09:15 – 09:45 **OPENING EXHIBITION**

COFFEE BREAK SPONSORED BY BRONZE SPONSOR SEARIDGE



09:45 – 11:00 **SESSION 1: INNOVATIONS AND REGULATIONS FOR A MORE RESILIENT AVIATION SYSTEM:
CHALLENGES AND LESSONS LEARNED**

This session will identify the regulatory challenges linked to the emergence of innovations in aviation from non-traditional aviation stakeholders. States will be invited to share their experience and innovators will have the opportunity to formulate their needs, so that a sound regulatory framework can facilitate the uptake of innovations while maximizing societal benefits.

Moderator:

Mr. James Bell, Acting Head of Innovation, United Kingdom Civil Aviation Authority (UKCAA)

Speakers/Panelists:

- **Dr. Jonathan Aleck**, General Manager of the Legal Affairs, Regulatory Policy and International Strategy branch of the Civil Aviation Safety Authority (CASA), Australia
- **Mr. João Souza Dias Garcia**, Head of the Department of Flight Standards, the Brazilian National Civil Aviation Agency (ANAC)
- **Mr. Jay Merkle**, Executive Director, Unmanned Aircraft Systems Integration Office, U.S. Federal Aviation Administration (FAA)
- **Mr. Ali Rajab**, Executive Vice President, Saudi General Authority of Civil Aviation
- **Mr. Laurent Gruz**, Representative ICAO and Canada at the European Union Aviation Safety Agency (EASA)

11:00 – 12:30

SESSION 2: URBAN AIR MOBILITY AND THE ROLE OF AIR TRANSPORT

In the urban and regional settings, innovations in aviation are moving beyond airports and airspace and into an integrated multimodal transport system. Various urban concepts and applications with manned and unmanned aircraft systems have emerged these past years, supported by innovative technologies. Combined with the advent of electric and hybrid aircraft prototypes, their introduction into the air traffic management ecosystem and urban infrastructure brings interesting challenges to the air transport stakeholders and national authorities but can also contribute to an agile transportation system. These developments might also generate new business models that would require a bespoke regulatory approach. This panel will bring together experts from the different modes of travel in the urban and regional setting to see how we are all working towards the same objectives.

Moderator:

Ms. Winnie Ngamije, Deputy Director General, CAA Rwanda

Speakers/Panelists:

- **Mr. Charles Vidal**, Program Leader for the Integrated Aerial Mobility (IAM) Program, National Research Council Canada (NRC)
- **Mr. Felipe Varon**, Founder & Chief Executive Officer, Varon
- **Mr. Oliver Reinhardt**, Chief Risk and Certification Officer, acting Director of Volocopter's Asia Holding, Volocopter
- **Mr. Fethi Chebil**, Founder and CEO, VPorts
- **Dr. Vassilis Agouridas**, Leader of the UIC2 (Urban Air Mobility Initiative Cities Community) within the EU's Smart Cities Marketplace

12:30 – 13:30 **LUNCH BREAK**

13:00 – 13:30 **SKYTALKS SPONSORED BY DSNA**



USING ON-BOARD DATA TO ALLOW ATM GREEN OPERATIONS

For the past 20 years, DSNA, the French Air Navigation Service Provider, has been pushing for greener initiatives to promote an environmental culture. To accelerate this transition, DSNA has made the reduction of its environmental impact its primary focus. In the context of the SESAR programme, DSNA leads the project ADSCENSIO (ADS-C ENables and Supports Improved ATM Operations), which brings together 21 partners including AIRBUS, the ESSP, manufacturers and the

main European ANSPs, in collaboration with airlines. This demonstration project aims to progress towards the implementation and use by ANSPs of on-board data transmitted by aircraft. This data provides a more precise vision on the ground of the aircraft's future trajectory and thus reduces fuel consumption and associated CO2 emissions. As part of this project, 9 demonstrations are being carried out in Europe, including two in French airspace using DSNA tools such as IODA and 4Me to display most relevant airborne trajectory data. For DSNA, this project contributes to the implementation of a green operations strategy which concerns all phases of the rolling process from the strategic and pre-tactical phase up to the flight planning and eventually its execution. Once the relevant times & geographical locations for more eco-responsible trajectories are identified, the objective is to allow aircraft operators to make use of them as flight planning opportunities, and then, considering real time air traffic and live weather conditions, to ensure the optimization of flight profiles for every phase of a flight: departure, cruise & arrival. ADSCENSIO is the main contributor to prepare, as request by an European implementation rule, the capability of European Air Navigation Service Providers' ground systems to make use of aircraft trajectory data by 2027. This project has received funding from the SESAR Joint Undertaking under the European Union's Horizon 2020 research and innovation programme.

Mr. Marc Azoulay, ATM Operational Expert, DSNA & **Mr. Didier Velay**, ADSCENSIO Project Coordinator, DSNA

13:30 – 13:45

KEYNOTE ADDRESS

Ms. Natalia Bayona, Director Innovation, Education, Investments – UN World Tourism Organization

13:45 – 15:00

SESSION 3: ACCELERATORS AND INCUBATOR PROGRAMMES IN AVIATION

The pace of innovation in aviation is fast and driven by multiple and diverse stakeholders, generating new ideas. Initiatives have been launched to accompany innovators along the process leading to the scale-up and commercialization of their solutions, which can help improve the resilience of the system. This panel will describe how accelerators and incubator programmes support the convergence of aviation and innovation stakeholders and regulators. Speakers will be invited to reflect on how ICAO can play its part as a channel through which States learn from each other and share successful practices.

Moderator:

Ms. Carmen Marcu, Advisor, International Affairs, Ministère des Relations internationales et de la Francophonie du Québec

Speakers/Panelists:

- **Ms. Natalia Bayona**, Director Innovation, Education and Investments, UN World Tourism Organization
- **Mr. Hajime Yoshimura**, Director for Airworthiness Standards and International Affairs Office, Japan Civil Aviation Bureau (JCAB)
- **Ms. Carine Bailly**, Marketing and Product Policy Director, Airspace Mobility Solutions (AMS), Thales
- **Ms. Anna Hakobyan**, Managing Director, Pixys
- **Mr. Richard Chénier**, Chief Executive Officer, Centech

15:00 – 15:30 **COFFEE BREAK**

15:30 – 17:00 **SESSION 4: RISKS, RESILIENCE, AND THE ROLE OF INNOVATION IN SUSTAINABLE AVIATION**

The COVID-19 crisis evidenced the vulnerability of international civil aviation to external risks. Innovations in civil aviation played a key role in mitigating risks, enabling resilience, and providing support all over the world. A variety of innovative measures, ranging from Public Health Corridors to State- and industry-led initiatives, has contributed to establishing a path to recovery. Panelists will share concrete case studies of the use of proven technologies as an instrument of resilience and their potential for replication and scalability across the globe.

Moderator:

Ms. Andrea L. Deitz, Foreign Affairs Specialist, Southeast Asia, Office of International Affairs (API), Federal Aviation Administration (FAA)

Speakers/Panelists:

- **Mr. Federico Cabrera**, Airport Operations and Customer Experience Manager, Montevideo Airport
- **Mr. Adam Siena**, Chief Technology Officer, BlockAero
- **Dr. Paulo Alves**, Global Medical Director of Aviation Health, MedAire
- **Ms. Céline Canu**, PHC Implementation Expert, ICAO
- **Mr. Alexis Brathwaite**, Manager ANS Safety and Air Traffic Services at Trinidad and Tobago Civil Aviation Authority

- **Mr. Nicolas Bardou**, Product Safety Communication & Crisis response Advisor, Health Onboard Lead at Airbus SAS
- **Dr. Lindsay Jones**, Associate Technical Fellow in Applied Mathematics, Boeing Research and Technology
- **Mr. Markus Klopff**, *Director Strategic Marketing ATM and International Relations, Frequentis*
- **Dr. Ian Hosegood**, Director Medical Services, Qantas

18:00 – 21:00 RECEPTION SPONSORED BY PLATINUM SPONSOR THALES



DAY 2

SUNDAY, SEPTEMBER 25

09:00 – 09:05 **ADMINISTRATIVE ANNOUNCEMENTS**

09:05 – 10:30 **SESSION 5: BEHAVIORAL SCIENCE FOR ENHANCED DECISION-MAKING**

Through people-centered theories and approaches, behavioral science can help produce change to progress towards the Sustainable Development Goals. In aviation, behavioral science can be used to optimize passenger flows, explore enablers to environmentally friendly patterns and be applied to aviation security. This session will generate a conversation on the fundamentals of behavioral science and illustrate applications in aviation.

Moderator:

Dr. Tom Reader, Associate Professor in Organizational Psychology – London School of Economics (LSE)

Speakers/Panelists:

- **Dr. Viktor Oubaid**, Aviation & Space Psychologist, German Aviation Research Institute
- **Dr. María Carmen Feijoo Fernández**, Area of Innovation and Development of Applied Studies, Head of Behaviour Detection, Guardia Civil, Spain
- **Dr. Annie Liang**, Senior Lecturer, RMIT University
- **Prof. Robert Mauro**, Associate Professor, University of Oregon
- **Ms. Ellen Fortin**, First Officer at Delta Air Lines, and Chair of the Delta ALPA Human Factors Subcommittee

10:30– 11:00 **COFFEE BREAK SPONSORED BY BRONZE SPONSOR**



11:00 – 11:15 **KEYNOTE ADDRESS**

Mr. David P. Pekoske, Administrator, Transportation Security Administration (TSA), United States

11:15 – 12:30 **SESSION 6: THE PROMISE OF OPEN ARCHITECTURE**

The evolution of security equipment, coupled with the exponential improvements of algorithms, machine learning capabilities and growing power of data analytics, is paving the way to addressing the challenges inherent in security screening by achieving a more cohesive, secure, resilient, and interoperable system. The session will explore the benefits and challenges, both operational and regulatory, in moving away from an integrated system to the interoperability promised by the implementation of the open architecture concept.

Moderator:

Mr. Gaël Weidmann, Head of Security Labs, Direction Générale de L'Aviation Civile (DGAC), France

Speakers/Panelists:

Mr. Eugene Kramer, Head of Cyber Security for Passenger Aviation Security and Borders, London-Heathrow Airport

Mr. Richard Dempers, Lead Designer for Security Projects, London-Heathrow Airport

Mr. Ken Mann, Chief Technology Officer, Rapiscan Systems

Mr. Justin Kear, System Engineer, Transportation Security Administration (TSA), United States

Mr. Daan Van Vroonhoven, Global Director Aviation & Regulatory Compliance, Smiths Detection

12:30 – 13:30 **LUNCH BREAK**

13:00 – 13:30 **SKYTALKS SPONSORED BY OSPREY FLIGHT SOLUTIONS**



CHANGING THE CONVERSATION.....WHY DO WE EVEN BOTHER WITH RISK MANAGEMENT?

The mantra that governments need to 'do more' is a rejection of the reality that government support is not the answer to understanding aviation risk. The solution to this is now well recognised – large open-source data sets and the power that AI brings to an aviation risk management function in pre-empting events and dramatically increasing the accuracy of modelling dynamic risk. But there's a more fundamental question. Why do we even bother with risk management at all? In his presentation, Andrew Nicholson will demonstrate why and how risk management is essential not only for maximising safety and security of aviation operations, but also for maximising the commercial efficiency of those operations.

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

13:30 – 15:00

SESSION 7: ARTIFICIAL INTELLIGENCE — THE FUTURE OF THREAT DETECTION?

Artificial intelligence (AI) technologies have immense applicability in a variety of industries, including aviation. When considering aviation security and facilitation, AI could drive more efficient and effective analysis of video surveillance data, enhanced behavioral analysis, and more intelligent and unbiased examination of data used in the context of passengers' journey through the airport. In this panel, experts will discuss experiences in applying AI as part of novel implementations in the sector, the potential benefits of AI application, and the challenges that may arise from AI becoming more embedded in the aviation sector moving forward.

Moderator:

Ms. Carla Pinto, Director, Facilitation and Security Directorate, Portuguese Civil Aviation Authority

Speakers/Panelists:

- **Mr. Albert Stepanyan**, Founder and Chief Executive Officer, Scylla
- **Mr. Gaël Weidmann**, Head of Security Labs, DGAC
- **Mr. Alain Nkoyock**, Chief, Senior Information Systems Officer Strategic Solutions, Office of Information and Communications Technology (OICT)
- **Mr. Billy Shallow**, Director, Innovation and Technology at Airports Council International - ACI World

15:00 – 15:30 **COFFEE BREAK**

15:30 – 17:00

SESSION 8: KEEP MOVING FORWARD – INNOVATION TOWARDS SEAMLESS & CONTACTLESS TRAVEL

Facilitation of seamless travel through one's journey has been a focus of aviation for many years, with rapid traveler throughput leading to operational efficiencies and enhanced passenger experience. The COVID-19 pandemic has led to increased attention towards touchless processing. Implementation of seamless and contactless travel tends to involve use of secure digital credentials for information attestation, intelligent data sharing, consent-based use of biometric data, and reorientation of operational processes. In this panel, developers and policy makers from government and industry will consider how they have worked together to innovatively implement new models for more efficient traveler processing through airports.

Moderator:

Mr. James Mcdonald, World Travel and Tourism Council

Speakers/Panelists:

- **Dr. Ben Bellekens**, Chief Executive Officer, CrowdScan
- **Mr. Gabriel Wichrowski**, VP Global Business Development, Airside Mobile
- **Mr. Patrick Sgueglia**, Product Manager – Airport Services, Regulatory & Biometrics, Lufthansa Group
- **Mr. Yuri Feliciano**, Innovation Specialist, Office of the Minister of Tourism and Public Health, Government of Aruba

17:00 – 17:30 SKYTALKS SPONSORED BY NUCTECH



AI-POWERED SECURITY SOLUTIONS MEETING THE CHANGING CHALLENGES IN AVIATION

The Covid-19 has a severe impact on the whole aviation industry. Since outbreak, passenger volumes faced a huge decline. Recently air traffic is being steady recovery. With the sudden growth of passengers, the aviation is facing new challenges including staff shortage, low inspection efficiency, new threat, high cost, etc. It's time for AI to play a key role to help address these problems.

We are going to share some of our successful practices in today's presentation and give a glance of future value of AI for aviation security.

Ms. Daisy Dai, Deputy General Manager of Smart Inspection Division, and Artificial Intelligence R&D Center, Nuctech Company Limited

18:00 – 21:00 RECEPTION SPONSORED BY PLATINUM SPONSOR AIRBUS



DAY 3

MONDAY, SEPTEMBER 26

09:00 – 09:05 **ADMINISTRATIVE ANNOUNCEMENTS**

09:05 – 10:30 **SESSION 9: PLANNING FOR THE FUTURE: A PERIODIC TABLE OF INNOVATIONS**

During the past years, numerous innovations have emerged, pushing the development of “New Frontier” of technologies and processes beyond the traditional aviation stakeholders. This session will explore several attempts to categorize these innovations, from those already integrated in aviation to the most disruptive applications.

Moderator:

Ms. Adefunke Adeyemi, Secretary General, The African Civil Aviation Commission (AFCAC)

Speakers/Panelists:

- **Dr. Sandra Bour-Schaeffer**, Chief Executive Officer Airbus UpNext
- **Dr. Ding Shuiting**, Head Principal, Civil Aviation University of China
- **Prof. Hiroko Nakamura**, Project Associate Professor at University of Tokyo
- **Mr. Don Thoma**, Chief Executive Officer, Aireon
- **Prof. David W. Zingg**, Distinguished Professor of Computational Aerodynamics and Sustainable Aviation, University of Toronto Institute for Aerospace Studies
- **Ms. Sophie Fallaha**, Executive Director, CEIMIA
- **Mr. Stephane Villeneuve**, Vice-President, Commercial – Americas, SITA FOR AIRCRAFT
- **Mr. Shalendra Clinton Subramoney**, Senior Specialist Climate Change and Policy, Group Sustainability and Portfolio Strategy, SASOL

11:00 – 11:15 **KEYNOTE ADDRESS**

Ms. Adefunke Adeyemi, Secretary General, The African Civil Aviation Commission (AFCAC)

11:15 – 12:30 **SESSION 10: INNOVATIONS TO POWER A SUSTAINABLE AND RESILIENT AVIATION SYSTEM**

New technologies have the potential to provide benefits throughout the entire aviation system. Aircraft manufacturers, air traffic controllers, airport operators, cargo shippers and others seek to leverage the new possibilities offered by global connectivity, advanced data intelligence, automation, and digitalization to improve performance in key areas of air transport and to build sustainability and resilience. During this session, aviation professionals will discuss and share experiences of introducing innovation into their respective fields of expertise and how this can support a more resilient aviation system.

Moderator:

Mr. Marouan Chida, Head of Innovation and Market Uptake, SESAR 3 JU

Speakers/Panelists:

- **Mr. Erez Agmoni**, SVP Innovation and Strategic Growth, Supply Chain Warehousing and Distribution in North America, Maersk
- **Mr. Umezawa Daisuke**, Director of Unmanned Aircraft System/Advanced Air Mobility Division, Japan Civil Aviation Bureau
- **Mr. Benjamin Binet**, Vice President Strategy & Technology at Thales
- **Ms. Mildred Troegeler**, Director, Global Regulatory Strategy, Boeing

12:30 – 13:30 **LUNCH BREAK**

12:15 – 12:45 **SKYTALKS**



THE ICAO WORKSHOP ON INNOVATION

As part of the roll-out of the ICAO Secretariat Strategy on Innovation, ICAO is developing a Workshop on Innovation. The SkyTalk presentation will be aimed at explaining the objectives and approach adopted for this work. The workshop will (1) provide an overview of the aviation and innovation ecosystem and the roles of its different players; (2) critically examine the regulatory challenges and related solutions aimed at closing the gap between innovators and regulators; (3) look at how organizations adapt their functioning to provide a culture and environment conducive to innovation.

- **Ms. Dunia Abboud**, Associate Analysis Officer
- **Ms. Gladys Mercan**, Associate Innovation Officer

UAS OPERATIONS FOR THE REAL WORLD: THE SYSTEM-OF-SYSTEMS APPROACH TO UAS INTEGRATION

Imagine if long-haul trucking companies, mail couriers, and firefighters had to build their own roads to deliver their services to the public. Imagine if each airline had to commission and maintain navigation aids and build their own airports. Requiring each participant in a transportation system to bring their own infrastructure isn't scalable. Yet this is what commercial UAS operators face today if they want to conduct advanced drone operations. Without any shared-use infrastructure to connect drone flights to a common system, high-value drone use cases remain grounded. A system-of-systems approach helps enable recurring operations within the regulatory environment; meet aviation standards for safety, maintenance, and cyber-security; enable use cases that result in measurable economic and societal value; and provide the building blocks for future mobility. Frank Matus, Director of ATC & Digital Aviation Solutions for the Americas at Thales, will discuss a model for UAS integration that is operational, commercially viable, and enduring.

Mr. Frank Matus, Director, ATC Digital Automation Solutions – Americas, Thales

13:30 – 15:00

SESSION 11: INNOVATING ICAO'S IMPLEMENTATION AND CAPACITY-BUILDING SUPPORT

Supporting Member States in implementing Standards and Recommended Practices (SARPs) POLICIES AND PROGRAMMES remains a priority for ICAO. With the advent of cutting-edge technologies, enhanced processes and evolving business cultures, ICAO is innovating its portfolio of products and services to increase the effectiveness and accessibility of its implementation support activities. From training to Implementation Packages (iPacks) and Implementation Support Programmes (ISPs), or the ACT – Assistance Capacity Building and Training – Programmes used for climate action, this session will highlight recent innovations undertaken by the Organization to make ICAO's implementation support relevant to the evolving aviation sector.

Moderator:

Mr. Pedro Avella, Training Business Development Associate, International Civil Aviation Organization (ICAO)

Speakers/Panelists:

- **Ms. Jane Hupe**, Deputy Director, Environment, International Civil Aviation Organization (ICAO)
- **Dr. Bettina Mrusek**, Chair, Department of Graduate Studies, College of Aviation, Embry-Riddle Aeronautical University (ERAU), Worldwide
- **Ms. Sharon Cooke**, CEO of Airways International Ltd, Airways New Zealand
- **Mr. Ahmed Elhadji Ayaha**, General Director of National Agency of Civil Aviation (ANAC – Niger)
- **Prof. Philip Haupt**, Director, National Aerospace Centre, University of the Witwatersrand

15:00 – 15:30 **COFFEE BREAK**

15:30 – 15:45 **KEYNOTE ADDRESS**

Mr. Mikaël Cardinal, VP, Program Management – Organ Delivery Systems, United Therapeutics Corporation / Unither Bioélectronique

15:45 – 17:00 **SESSION 12: GLOBAL COMPETITION FOR COMMUNITY-DRIVEN SOLUTIONS**

This session will be the opportunity to launch a global competition on innovation. Innovators across the globe will have several months to prepare and submit their solutions to a problem statement shared by ICAO during the session.

Official announcement by the Secretary General of the International Civil Aviation Organization (ICAO), **Mr. Juan Carlos Salazar**

Moderator:

Ms. Tolulope Agiri, Deputy Director Human Resources, International Civil Aviation Organization (ICAO)

Speakers/Panelists:

- **Mr. Thomas Romig**, Vice President Safety, Security & Operations, Airports Council International (ACI) World
- **Ms. Angela Albritton**, International Association of Aviation and Aerospace Education (ALICANTO) Co-Chair, Director, Embry Riddle Aeronautical University
- **Mr. Conrad Clifford**, Senior Vice President and Deputy Director General, IATA

- **Ms. Michelle Bishop**, Director, Programmes, Civil Air Navigation Services Organisation (CANSO)
- **Mr. Pierre Cardin**, Senior Vice President Public Affairs Canada and Relations with ICAO, on behalf of the International Coordinating Council of Aerospace Industries Associations (ICCAIA)

17:00 – 17:30

CLOSING CEREMONY AND CONCLUSIONS

Mr. Juan Carlos Salazar, the Secretary General of the International Civil Aviation Organization (ICAO)

17:30

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#23

ICAO Innovation Fair

04



SPONSORS & EXHIBITORS



Booth 1

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AIRBUS

<https://www.airbus.com>

Contact: Sara Ricci, Sustainability Communications Manager

Email: sara.ricci@airbus.com

Airbus pioneers sustainable aerospace for a safe and united world. The Company constantly innovates to provide efficient and technologically-advanced solutions in aerospace, defence, and connected services. In commercial aircraft, Airbus offers modern and fuel-efficient airliners and associated services. Airbus is also a European leader in defence and security and one of the world's leading space businesses. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions and services worldwide.

At Airbus, we are committed to leading the decarbonisation of the aerospace sector. This includes reducing the CO2 emissions of our aircraft, satellites and launch vehicles, as well as our industrial environmental footprint at sites worldwide and throughout our supply chain. To this end, we are contributing to meet key industry-wide environmental performance targets. We are also focused on delivering on our ambition to bring the world's first zero-emission commercial aircraft to market by 2035.



Booth 18

Platinum Sponsor

THALES

www.thalesgroup.com

Contact: Estelle Montaudoin, Head of Communications

Email: Estelle.montaudoin.e@thalesdigital.io

Thales is the world leader in air mobility solutions. An impressive 2 out of every 3 planes around the world land and take-off with the help of Thales.

We combine half a century's experience in development and deployment with an unrivalled worldwide installed base, advanced technology and ground-breaking innovations to deliver solutions that are continually adapted to the ever-changing aviation system's needs.

Thales offers integrated gate-to-gate solutions, from pre-flight to landing, ensuring airport safety, efficient traffic handling operations, data sharing on aircraft and seamless handover operations between territories.

Thales is trusted by key ATM decision makers across 180 nations, and helps key decision makers master complexity and make timely decisions for better outcomes.



Silver Sponsor

ADACEL

www.adacel.com

Contact: Aliona Groh, Director, Marketing & Communications

Email: agroh@adacel.com

Established in 1987, Adacel is a publicly traded company that plays a significant role in global air space safety. Adacel applies advanced technologies to develop modern air traffic control simulation and training systems and state-of-the-art air traffic management solutions. Adacel's customers include international air navigation service providers (ANSPs), military, defense & security organizations, universities, and airport authorities. More than 21% of the world's airspace is managed with Adacel's Aurora ATM software. MaxSim Tower Simulator and Training systems lead the industry with the highest number of installations worldwide. Adacel's latest flagship system, REVAL, a digital Air Traffic Control (ATC) tower system, delivers a wide spectrum of digital tower operational solutions, from consulting services to system design, development, deployment, and support.



Booth 14

Bronze Sponsor

EHANG

www.ehang.com

Contact: Dongyao Nie, Public Relations Manager

Email: dongyao.nie@ehang.com

EHang (NASDAQ: EH) is a world's leading autonomous aerial vehicle ("AAV") technology platform company. Our mission is to make safe, autonomous and eco-friendly air mobility accessible to everyone. EHang provides customers in various industries with AAV products and commercial solutions: air mobility (including passenger transportation and logistics), smart city management and aerial media solutions. As the forerunner of cutting-edge AAV technologies and commercial solutions in the global Urban Air Mobility industry, EHang continues to explore the boundaries of the sky to make flying technologies benefit our life in smart cities.



Booth 4

Bronze Sponsor
SEARIDGE TECHNOLOGIES
www.searidgetech.com

Email: info@searidgetech.com

Searidge develops innovative technology to improve safety and efficiency in the aviation market. With technology at over 35 sites in 25 countries, we are a global leader and preferred partner for Digital Towers and Advanced Airport solutions. Through operational enhancements, collaboration, AI and automation, our team helps our customers proactively transform the way they offer and deliver services to meet changing demands. For more information and to view our video gallery.



Booth 23

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SEARIDGE TECHNOLOGIES

<https://www.sita.aero/solutions/sita-for-aircraft/>

Contact: Viktorija Kucerova, Marketing Consultant

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With around 2,500 customers, SITA's solutions drive operational efficiencies at more than 1,000 airports while delivering the promise of the connected aircraft to customers of 17,000 aircraft globally. Our communications network connects every corner of the globe bridging 60% of the air transport community's data exchange.

In 2021, SITA became a certified CarbonNeutral® company. We are reducing our greenhouse gas emissions and developing solutions to help the industry meet its carbon reduction objectives. In 2022, we announced our commitment to setting science-based emission reduction targets aligned to the Science Based Targets initiative Net-Zero Standard.

BOMBARDIER

Booth 6

Exhibitor

BOMBARDIER

www.bombardier.com

Contact: Leo Knaapen, Strategic Advisor, Industry Affairs

Email: leo.knaapen@aero.bombardier.com

Bombardier is a global leader in aviation, focused on designing, manufacturing and servicing the world's most exceptional business jets. Bombardier's Challenger and Global aircraft families are renowned for their cutting-edge innovation, cabin design, performance and reliability. Headquartered in Montréal, Canada, Bombardier employs some 13,800 people worldwide and operates engineering, aerostructure, assembly, completion and service facilities in Canada, the United States, Mexico and several other countries. In Spring 2022, Bombardier designated its Wichita site as its official U.S. Headquarters – home to a growing MRO service center, the Bombardier Flight Test Center and the Defense Aircraft Division.



Booth 19

Exhibitor

CIVIL AVIATION UNIVERSITY OF CHINA (CAUC)

www.cauc.edu.cn

Civil Aviation University of China (CAUC), under the direct administration of Civil Aviation Administration of China (CAAC), is a higher education institution aiming to train students into senior engineering technicians and management personnel. It was founded in 1951 and is jointly supported by CAAC, Tianjin Municipal Government, and China's Ministry of Education.

After more than 70 years of pursuing excellence, CAUC has evolved into the main base and major force of training civil aviation technicians and promoting scientific and technological innovation, and therefore is renowned as the cradle of China's civil aviation professionals, the center of scientific and technological research, and the window of international cooperation and exchange. Moving forward, CAUC will work to build itself into a world-class civil aviation university with Chinese characteristics.



Booth 8

Exhibitor

DSNA – DIRECTION DES SERVICES DE LA NAVIGATION AÉRIENNE

<https://www.ecologie.gouv.fr/controle-aerien>

Contact: François Richard-Bole, Head of Communications

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DSNA is the Air Navigation Services Provider of France. Its mission consists of controlling air traffic in a safe, fluid and environmentally-friendly manner, while keeping costs under control. Safety remains a fundamental priority but the main priority for the future is to shape a Greener Aviation as a prerequisite for the effective restart of air transport in a sustainable manner.

DSNA operates five en-route control centres and nine mainland regional structures for approach and aerodrome control services (75 control towers), along with three overseas regional structures. With 1,000,000 km², the DSNA manages one of the largest airspaces in Europe.



Booth 11

Exhibitor

FREQUENTIS AG

www.frequentis.com

Contact: Julia Kuthan, Corporate Communications & Marketing

Email: julia.kuthan@frequentis.com

Frequentis is a global supplier of communication and information systems for control centres with safety-critical tasks. The listed family-run company develops and markets its “control centre solutions” in the Air Traffic Management segment (civil and military air traffic control, air defence) and the Public Safety & Transport segment (police, fire brigades, emergency rescue services, shipping, railways). With a market share of 30%, Frequentis is the world market leader in voice communication systems for air traffic control. Frequentis is also the global leader in aeronautical information management and aeronautical message handling systems. As a global player with about 2,150 employees, Frequentis has a global network of companies in more than 50 countries. Its head office is in Vienna, Austria. Frequentis’ products, services, and solutions are used at more than 40,000 operator working positions in around 150 countries. Shares in Frequentis are traded on the Vienna and Frankfurt stock exchanges; ISIN: ATFREQUENT09, WKN: A2PHG5. In 2021, revenues were EUR 333.5 million and EBIT was EUR 29.0 million. Wherever Frequentis’ systems are used, safety-critical operators can confidently bear responsibility for the safety of other people and goods. The company also works towards a more sustainable future through its air traffic optimisation solutions.



Booth 20

Exhibitor

INTERNATIONAL FORUM FOR AVIATION RESEARCH

<https://ifar.aero/>

Contact: Adel Schroepfer, IFAR Secretariat

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IFAR is the world's only aviation research establishment network. The network aims to connect research organizations from around the world, to enable information exchange on aviation research activities, and to develop, among its 26 members, a shared understanding of the challenges faced by the global aviation research community.



Booth 12

Exhibitor

INCHEON INTERNATIONAL AIRPORT CORPORATION INFORMATION

<https://www.airport.kr/ap/en/index.do>

Contact: Kyung Wook KIM

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Incheon Airport reshaping the future of the aviation industry. As a leading global airport, it is driving a paradigm shift in the aviation industry, revolutionizing immigration procedures with advanced smart technology and implementing next-generation mobility systems. It is proposing a new vision and establishing new infrastructure standards to redefine the concept of airports and expand its operating platform worldwide.



McGill

School of
Continuing Studies

Booth 15

Exhibitor

THE MCGILL SCHOOL OF CONTINUING STUDIES

<https://www.mcgill.ca/continuingstudies/>

Contact: Dina Guralnik, Director of Strategic Communication

Email: dina.guralnik@mcgill.ca

The McGill School of Continuing Studies (SCS) transforms today's adult learners into skilled thought leaders of tomorrow's workforce.

For over 50 years SCS has helped learners who seek knowledge and skills for career advancement and transition, professional development, and personal enrichment. Our in-person and online courses, programs, and workshops, expert instructors, and diverse and supportive community aim to help future-proof careers and achieve professional goals.

McGill SCS also offers customized training solutions that meet the needs of organizations. Whether you're looking to develop technological fluency, maximize productivity, foster creativity, create leaders, manage digital transformation, boost data literacy, equip employees with the essential skills required to succeed now and in the future, or help them navigate global languages, cultures and markets, we have the required training.



Booth 5

Exhibitor
NUCTECH

<http://www.nuctech.com>

Contact: Amy Huang, Director of International Cooperation
Email: huangli@nuctech.com

Nuctech Company Limited (NUCTECH) is a world-leading supplier of security screening technologies, dedicated to protecting the free movement of people and commerce against threats and contrabands. Derived from Tsinghua University, NUCTECH was founded in 1997 by a group of physicists with a conviction to bring Tech ideas to life. With an unwavering focus on innovation, NUCTECH leverages its strong R&D capabilities to enable new inspection technology and to translate these discoveries into comprehensive product offerings of over 300 innovative security solutions.



Booth 9

Exhibitor

OSPREY FLIGHT SOLUTIONS

www.ospreyflightsolutions.com

Contact: Tim Willis, Global Head of Business Development

Email: tim.willis@ospreyfs.com

Osprey Flight Solutions was founded in 2017 with the goal of providing the most advanced aviation risk analysis available for enabling safer and more secure aviation. Our data-driven approach fuses broad-spectrum open-source data, AI technology and world-leading analysis to deliver instant situational intelligence. This approach allows our clients to make dynamic, well-informed decisions about their risks as they emerge and change. We believe this is the future of aviation safety and security. We are constantly innovating and expanding our capabilities to stay ahead of the curve in a fast-moving, turbulent world. We are here to help you stay safe in an ever-changing world.



شركة ادارة وتطوير مشاريع الموانئ المحدودة
Ports Projects Management and Development Co. Ltd.

Booth 7

Exhibitor

PORTS PROJECTS MANAGEMENT & DEVELOPMENT CO

www.ppmdc.com.sa

Contact: Rakan Alturki, Planning & Development Director

Email: tim.willis@osprefys.com

Ports Projects Management & Development Co. (PPMDC) , a Saudi Airport Operator founded in 2007 by the Saudi Binladin Group, established to develop, operate, and manage unique and complex airport terminals by providing a wide range of integrated services in airport operations including innovative solutions. With an impressive portfolio of services, PPMDC has served over 85 Mn passengers since its inception and has evolved with the industry and its technological advances to become the prominent national airport operator.

As an Operator, PPMDC Provides wide range of services in Airport Privatization industry:

- Aeronautical Revenues and Commercial Revenues Management and collection.
- Airport Operation and Management
- Scheduling And Statistics Services
- Facilities Maintenance and Services Management
- ICT System Management and Operation
- Safety And Risk Management
- Commercial Services Management
- Security Management
- Health And Environmental Management



Booth 2

Exhibitor

SEABURY SOLUTIONS

<https://www.seaburysolutions.com>

Contact: Luc Beaudoin, SVP & Head of CAA Practice

Email: lbeaudoin@seaburysolutions.com

Seabury Solutions was established in 2002 and forms part of Seabury Capital. Since then, we have been delivering leading IT solutions to enhance the operational, financial, and regulatory performance of some of the world's largest aerospace organizations. Utilizing decades of technological expertise in-house, we have leveraged this knowledge into a suite of products that enhance the decision-making process for Asset Management, MROs/M&E, Regulatory Compliance, Safety Oversight & Performance Analysis.



Booth 10

Exhibitor

VOLOCOPTER

www.volocopter.com

Contact: Barbara Zygula, Regulations and Standards Analyst

Email: barbara.zygula@volocopter.com

Volocopter brings urban air mobility (UAM) to megacities worldwide. We aim to improve the quality of life for people in cities by offering a fantastic new mode of transportation. For that, we create sustainable and scalable UAM-ecosystems with partners in infrastructure and operations.

Volocopter's family of eVTOL aircraft will offer passengers (VoloCity and VoloConnect) and goods (VoloDrone) swift, secure, and emission-free connections to their destinations, supported by VoloIQ, the UAM ecosystem's software platform that serves as its digital backbone for safe and efficient operations.

As a pioneer in the UAM industry, Volocopter will launch commercial services within the next few years. Founded in 2011, the company employs more than 500 people in Germany and Singapore, has completed over 1,000 successful public and private test flights, and raised €322 million in equity from investors, including Daimler, Geely, DB Schenker, BlackRock, and Intel Capital.

UPCOMING EVENT

*Dates are subject to change

7 - 9 NOVEMBER 2022

RPAS 2022

This symposium will be one of the premiere RPAS events worldwide, focusing on the technology, operation, and certification of RPAS. It will bring together a wide-ranging audience and key stakeholders, including: civil aviation authorities (CAAs), academia, industry, government, as well as interest groups. Participants will have the perfect opportunity for learning about the regulatory framework being developed and how it will be implemented by experts actively involved in the work. Networking opportunities will abound with the global audience.

Click to connect with us on social media and find out more about ICAO events. [#UnmannedAviation](#)

