

12

INNOVATION

MARCH
2024

FAIR

14



Programme



Programme 01.

Day 1 – Tuesday, 12 March 2024

Time (EST)	Session Description
09:00 – 09:05	Administrative Announcement
09:05 – 09:10	Opening Remarks by Mr. Salvatore Sciacchitano, President of the ICAO Council
09:10 – 09:15	Keynote Address by Mr. Vumlunmang Vualnam, Secretary, Ministry of Civil Aviation (MoCA) Government of India
09:15	Opening of the Exhibition
	<p>09:15 – 10:00 COFFEE BREAK Sponsored by <i>Empic</i></p>
	<p>10:00 – 11:30</p> <p>Session 1: Directors General Panel: A strategy for a Civil Aviation Authority 2.0: Digital Ideas to Serve the Aviation Ecosystem to the Benefit of the Community.</p> <p>The involvement of new stakeholders in international civil aviation has led Civil Aviation Authorities to reconsider their approach to regulation and certification, while maintaining the highest levels of safety, security, efficiency, economic development, and environmental sustainability. As they are embarking into transformation to accompany a fast-evolving aviation ecosystem, they also need to maintain the commitment of their personnel and the trust of the public. Directors General of Civil Aviation Authorities will lay out their plans to develop user-oriented services that support the timely deployment of digital innovations in their civil aviation system.</p> <p>Moderator: Mr. Christian Schleifer, Council Representative of Austria and the Abis group at ICAO</p> <p>Panellists:</p> <ul style="list-style-type: none"> - Mr. Homero Francisco Morales, Executive Director, El Salvador Civil Aviation Authority - Mr. Charles Kraikue, General Director, Ghana Civil Aviation Authority - Mr. Fernando Naranjo Elizondo, General Director, DGAC Costa Rica - Mr. Koen Milis, Director General, Belgian Civil Aviation Authority
11:30 – 12:00	My Thesis in 180 Seconds



INNOVATION FAIR

12
|
14

MARCH
2024

	<p>Students in STEM fields related to aviation from universities across the globe will be invited to present the main topic of their thesis, exploring various technical or policy aspects of digitalization in aviation – all in 180 seconds.</p> <p>Panellists:</p> <ul style="list-style-type: none">- Mrs. Katerina Grotchelova, Czech Technical University- Eng. Sara Dabbas, Al Hussein Technical University (HTU)- Mr. Andras Galffy, CEO, Head of Research & Technology, Turbulence Solutions- Mr. Eugene Ng, Embry-Riddle Aeronautical University Asia- Mr. Muhammad Danial Azraf Bin Muhammad Mazlan, Temasek Polytechnic
<p>12:00 – 12:30</p>	<p>INDUSTRY SKYTALKS</p> <p>The Future of Satellite-Based Communications and Surveillance by Mr. Juanjo Cornejo, Startical</p> <p>A new allocation to AMS(R)S (aeronautical mobile-satellite (route) service) in the aeronautical VHF band (117.975 – 137 MHz) has been approved after a 4-year cycle of intense work at the ITU.</p> <p>With this new attribution, Startical can make use of the aeronautical band from space so its satellite constellation can offer VHF communications services (voice and data) and surveillance in oceanic and remote areas without any modification in existing avionics. This will be a huge benefit for the aeronautical community, increasing safety, efficiency and allowing the use of new optimal and more ecological routes.</p>
<p>indra 12:30 – 13:30 LUNCH BREAK Sponsored by <i>Indra</i></p>	
<p>13:30 – 15:00</p>	<p>Session 2: Digital Twins in Aviation - Twice as Many Opportunities?</p> <p>Aviation stakeholders have progressively captured their physical assets in a digital format. This has led to the creation of digital twins and to new opportunities. Manufacturers have taken advantage of the technology and created live digital models of their products, machinery and even their manufacturing floors. In addition, digital twins can be used to enhance aircraft systems design and manufacturing, or maintenance operations.</p>



INNOVATION FAIR

12
|
14

MARCH
2024

	<p>Moderator: Mr. Thomas Romig, Senior Vice President Safety, Security & Operations, Airports Council International (ACI) World</p> <p>Panellists:</p> <ul style="list-style-type: none"> - Mr. John Gradek, Faculty Lecturer and Coordinator of the Aviation Management Program, McGill University’s School of Continuing Studies - Mr. Robert Freitag, AVP, Chief Technology Officer, NAV CANADA - Mr. Jia Xu, CEO, SkyGrid - Mr. Richard Vilton, CEO, Emu Analytics - Ms. Lynette DuJohn, VP, Innovation and Chief Information officer, Vancouver Airport Authority
<p>15:00 – 15:30</p>	<p style="background-color: #00AEEF; color: white; padding: 5px;">COFFEE BREAK</p> <div style="text-align: center; margin-top: 20px;">  </div> <p>Unlocking Airport Efficiency with AI-Powered Digital Twins by Mr. Alvaro Gil and Mr. Camilo Valderrama, GSS – Human Engineering</p> <p>Explore the transformation potential of AI-driven Digital Twins in aviation. These virtual process replicas not only help optimize terminal operations but also shape infrastructure evolution. Combined with predictive analytics and operations knowledge, we can anticipate bottlenecks and enable proactive solutions. Learn about the requirements and investment required for such a journey. Let’s reimagine the future of aviation, one twin at a time.</p>
<p>15:30 – 17:00</p>	<p>Session 3: Digitalization in Aviation: Tackling the Challenges</p> <p>A digital world suggests a dedicated set of policies and regulations that guarantee at least similar levels of consumer protection, ethics, safety and security as in a physical world. In addition, the digitalization of the aviation system poses challenges for a number of Civil Aviation Authorities, as it disrupts long-established practices. The transition from paper to digital data-driven technologies comes with important changes and challenges for aviation stakeholders, particularly in relation to data management, interoperability, advanced analytics and cybersecurity, to name a few. The objective of this session will be to explore these various challenges and identify how CAAs can prepare for a responsible use of innovations towards building up resilient systems.</p>



INNOVATION FAIR

12
|
14

MARCH
2024

	<p>Moderator: Mr. Jarrod Morley, Senior Director – Strategy & Head of Innovation, Aéro Montréal</p> <p>Panellists:</p> <ul style="list-style-type: none">- Mrs. Anna Von Groote, Director General, EUROCAE- Mr. Erick Ferrandez, Representative to ICAO and Canada, EASA- Ms. Simona Frankova, Founder & CEO, NG Aviation- Ms. Tara Mulrooney, Chief Technology Officer & Vice President, Innovation YEG, Edmonton International Airport- Mr. Getinet Tadesse, Chief Information Officer, Ethiopian Airlines- Ms. Virginie Collin-Banerji, Head of North America IM (Information Management) Regional and Digital Initiatives, Airbus Americas
<p>17:00 – 17:30</p>	<p>SKYTALKS</p> <p>ICAO SkyTalks – iPacks: Tools to Promote Effective Capacity Building by Mr. Mike Brown, ICAO Capacity Development and Implementation Bureau</p> <p>In the aftermath of the COVID 19 pandemic, iPacks emerged as an important tool to help States in recovery of their air transportation systems. Combining proven ICAO training courses with the consultative services of world-class experts, iPacks were particularly well-suited to addressing States’ health-related challenges. Since then, ICAO has expanded its catalog of iPacks to address a variety of new technical subject areas. Join us as we discuss the iPack programme and its future role in helping States address their most significant capacity building challenges.</p>
<p>17:30 WELCOME RECEPTION</p>	
<p>END OF DAY 1</p>	



INNOVATION FAIR

12
|
14

MARCH
2024

Day 2 – Wednesday, 13 March 2024

08:30 – 09:00

SKYTALKS

ICAO SkyTalks - Facilitating the Traveller Journey Through Innovation in Travel Document Formats by Mrs. Christiane DerMarkar

09:00 - 09:05

Administrative Announcement

09:05 – 10:30

Session 4: Digital Information Management and Data Exchange: Moving People and Goods Better and Faster

In our daily lives, we can see how airlines, airports and their customers are linked by a digital relationship. From online flight booking to check-in and the automated boarding process and improved passenger flows to follow-up support via CRM programs, almost everything seems to be digitized. Airlines are not only boosting their efficiency this way, but they also greatly improve customer experience. Such benefits also expand to cargo movements, from door-to-door. The panel will consider the challenges posed by this situation, such as the treatment of digital data, cross-border harmonization, the integration of data from different sources, the simultaneous management of legacy physical systems, cross border harmonization of systems and requirements and related regulations.

Moderator: Ms. Beth Newcombe, Senior Policy Advisor, Citizenship and Passport Programs Branch, Immigration, Refugees and Citizenship Canada (IRCC)

Panellists:

- Mr. Amar More, Co-Founder & CEO, Kale Logistics Solutions
- Mr. Adam Lemmon, MATTR Labs Director, North America
- Mr. Peter Warms, Business Development Manager, Global Legal Entity Identifier Foundation (GLEIF)
- Mr. Jordi Vicens Obrador, Deputy Director, Logistics Analysis and Operational Simulation, ADM Aéroports de Montréal



INNOVATION FAIR

12
|
14

MARCH
2024

10:30 – 11:00	COFFEE BREAK
	<p style="text-align: center;">SKYTALKS</p> <p>ICAO SkyTalks – ICAO Training Network of Partners and Catalogue of Courses by Mr. Pedro Avella, ICAO Training/CDI</p> <p>This SkyTalk will present ICAO’s Global Aviation Training (GAT) activities, including the TRAINAIR PLUS Programme and its growing portfolio of ICAO training courses. The presentation will highlight the different modalities in which GAT can support States and International Organizations.</p>
11:00 – 11:05	Innovation and Tourism by Ms. Natalia Bayona, Executive Director, UN Tourism
11:05 – 12:30	<p>Session 5: Start-Up Roundtable: Building Tomorrow’s Success</p> <p>The objective of this roundtable is to focus specifically on the needs of start-ups with applications in the aviation system, when it comes to engaging with States and other aviation stakeholders, with a specific focus on Standards and Recommended Practices (SARPs), Procedures for Air Navigation Services (PANS), international guidance material and regulations.</p> <p>Moderator: Mr. Richard Chénier, CEO, Startup Montreal</p> <p>Panellists:</p> <ul style="list-style-type: none">- Mr. Antoine Dusselier, Co-Founder & CEO, Tarmac Technologies- Mr. Julian Jank, Co-Founder & CEO, Aeroficial Intelligence- Mr. Félix Bélisle Dockrill, Co-Founder & CEO, Axya- Mr. Zhenglin Xiong, CEO, Aeroport AI- Dr. Annik Carson, Technical Product Manager, Adaptive Learning, AI Redefined
12:30 – 13:30 LUNCH BREAK	



INNOVATION FAIR

12
|
14

MARCH
2024

13:30 – 15:00

Session 6: Digitalizing Certification Processes: for More Robustness and Efficiency

Building upon the facilitation of electronic document exchange, certification processes could more efficiently and securely address the challenges of innovators.

Moderator: Mr. Phil Cole, VP Business Development, Cert Center Canada

Panellists:

- Mr. Alain Leroy, Chief Engineer, EASA
- Mr. Roei Ganzarski, CEO, Alitheon
- Dr. Paweł Stężycki, General Director, ILOT Łukasiewicz Research Network – Institute of Aviation, vice-Chairperson of the International Forum for Aviation Research (IFAR)
- Mr. Derek Graham, Head of Business Innovation - Americas , SITA for Aircraft
- Mr. James Bell, Innovation Strategy Lead, UK Civil Aviation Authority

15:00 – 15:30

AIRBUS

COFFEE BREAK
Sponsored by Airbus

My Thesis in 180 Seconds

Students in STEM fields related to aviation from universities across the globe will be invited to present the main topic of their thesis, exploring various technical or policy aspects of digitalization in aviation – all in 180 seconds.

Panellists:

- Mr. Corentin Conan, McGill University
- Mr. Josh Chang, McGill University
- Mr. Syed Shabbir Ahmed, McGill University
- Mr. Bogdan Bogachov, McGill University
- Mrs. Sabrina Marie Knappe, McGill University



INNOVATION FAIR

12
|
14

MARCH
2024

15:30-16:30	ICAO Competition on Innovation: presentations of their projects by the 3 finalist teams and announcement of the winning team (introduction on the competition, messages from the members of the jury, presentations, announcement of winner)
16:30 – 16:45	Photo op for the Competition
16:45 – 17:15	<div data-bbox="451 745 714 814" style="background-color: #004a87; color: white; border-radius: 15px; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">SKYTALKS</div> <p>ICAO SkyTalks – Digital Assets and their Transformational Potential by Mr. Yuri Fattah, ICAO Air Navigation Bureau</p> <p>From augmented reality to virtual worlds, to digital twins, there are several at, or just over the horizon, applications for digital assets to transform the way we work together. This SkyTalk will take a look at a small part of the potential possibilities for the future that they can bring to reality.</p>

END OF DAY 2



INNOVATION FAIR

12
|
14

MARCH
2024

Day 3 – Thursday, 14 March 2024

08:30 – 09:00

SKYTALKS

ICAO SkyTalks - Considerations for the Economic Regulation of International Operations of UAS by Ms. Julie Zabrodka

As the industry witnesses the rapid expansion of UAS, in terms of applications as well as spatial movement, existing economic regulatory frameworks will need to be reviewed and assessed if still relevant in light of ongoing advancements, in particular cross-border commercial operations. This SkyTalk will provide an overview of key components of economic regulation of air transport and will highlight potential considerations for the establishment of such international services, including the need for regulatory harmonization and compliance with existing ICAO policies. Join us for this session as we navigate through the challenges and opportunities inherent in the economic regulation of UAS on the international stage.

09:00 09:05

Administrative Announcement

09:05 – 10:30

Session 7: A digital World: How Can Virtual Reality Unlock the Potential of Innovations in Aviation?

This session will explore the many applications offered by the mainstreaming of virtual and augmented reality, from the enhancing passenger experience to the design of Air Traffic Management concepts in an urban environment and training.

Moderator: Mrs. Paula Vieira de Almeida, CEO, JAA Training Organisation (JAA TO)

Panellists:

- **Mr. Marc St-Hilaire**, Vice President, Special Projects and Expert Advisor to the Chief Technology and Product Officer, CAE
- **Mr. Alexander Bellemare-Davis**, Senior Manager, Data Science & Analytics, Data & Decision Intelligence, Boeing Global Services
- **Mr. Joseph Park**, Leader, Strategy Solution Taskforce Team, Incheon International Airport Corporation



INNOVATION FAIR

12
|
14

MARCH
2024

	<ul style="list-style-type: none">- Mr. Siegfried Usal, Vice President, Digital Innovation, Thales North America General Manager and General Manager of Thales Digital Solutions- Dr. Christina Yan Zhang, CEO, The Metaverse Institute
10:30 – 11:00	<p>COFFEE BREAK</p> <p>SKYTALKS</p> <p>ICAO SkyTalks – Implementation of the ICAO Secretariat Strategy on Innovation by Ms. Chrystelle Damar and Mrs. Gladys Mercan</p> <p>The ICAO Secretariat Strategy on Innovation provides a coordinated overview of the Secretariat’s goals on innovation, in accordance with the Assembly Resolutions and ICAO Strategic Objectives. Innovation is embedded into the work of the ICAO Bureaus and Offices, through the implementation of new and forward-thinking approaches and processes, as well as the engagement of ICAO technical experts with the innovation community. Notwithstanding, additional efforts are required to deliver on a “One innovative ICAO” and contribute to a vibrant innovation ecosystem consistent with the organization’s mandate. This Sky Talk will share information on how we strive to do this.</p>
11:00 – 12:15	<p>Session 8: Artificial Intelligence is Driving the Future of Digital Aviation.</p> <p>Artificial Intelligence (AI) has grown on data. Aviation is one of the sectors that captures and uses a significant amount of data. During this panel, speakers will share how the opportunities generated by AI help shape the future of air mobility, including the use of data-driven approaches for sustainable aviation.</p> <p>Moderator: Mr. Daniel Faggella, AI Expert, member of the OECD AI Policy Observatory</p> <p>Panellists:</p> <ul style="list-style-type: none">- Dr. Yann Péquignot, Research professional at IID (Institute Intelligence and Data) at Laval University- Mr. Guillaume Soudain, Programme Manager Artificial Intelligence, European Aviation Safety Agency (EASA)



INNOVATION FAIR

12
|
14

MARCH
2024

	<ul style="list-style-type: none">- Dr. Craig Ramlal, Head of the Control Systems Group, The University of the West Indies- Dr. Kinh Tieu, Senior Principal Engineer, Acubed Airbus
12:15 – 12:30	Closing Remarks by Mr. Juan Carlos Salazar, ICAO Secretary General
12:30 – 13:30 LUNCH BREAK	
13:30 – 16:30	ICAO Innovation Workshop (upon registration)
END OF DAY 3	



Sponsor Profiles

02.



Transforming skies together

In ATM we connect people, places and skies, making everything work. We partner with our clients, building the future together.

indracompany.com
indraairsolutions.com



indra

 **Gold Sponsor / Exhibitor**



Indra

Indra is a leading supplier of air traffic management systems with more than 11,000 installations deployed in 180 countries, at the forefront of the digital transformation of the sector. Indra is the technology partner of iTEC –working towards the digital European sky–, and it is digitalizing the integrated Network Manager (iNM) of Eurocontrol. Indra is one of the first companies in the world to commission remote virtual control tower systems and develop solutions based on AI, big data and digitalized IP communications.



Indra

www.indracompany.com



Enrique Castillo

ecastillos@indra.es

 **Bronze Sponsor**



Airbus

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 designs and manufactures modern and fuel-efficient airliners and associated services. Airbus is also a European leader in space systems, defence and security. In helicopters, Airbus provides 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 hydrogen-powered commercial aircraft to market by 2035.



Airbus

www.airbus.com



Airbus Montréal

airbus.montreal@airbus.com

 **Bronze Sponsor / Exhibitor**



EMPIC GmbH

The Standard Software for Aviation Regulators – Everywhere Safety Oversight Management System in the digital World

EMPIC-EAP® is a specialized software system designed by and for regulatory authorities, tailored to meet their unique safety and security oversight needs as outlined by the ICAO Convention. With over two decades of expertise in serving aviation regulators, EMPIC is THE leader in this niche field. Boasting the largest client base worldwide for aviation regulatory oversight software, EMPIC supports more than 35 aviation regulators across over 40 territories, encompassing both civil and military authorities. This extensive reach underlines EMPIC's global impact in the aviation sector. To foster continuous improvement and collaboration, EMPIC hosts biannual user group meetings in Erlangen, Germany. These gatherings bring together our global community of users to discuss future developments, exchange best practices, and share experiences, ensuring that EMPIC remains at the forefront of aviation regulatory technology.



EMPIC GmbH

www.empic.aero



Jörg Kottenbrink

joerg.kottenbrink@empic.aero



Safety&Security Oversight Management Software



THE Globally Recognized Leader for Aviation Regulators





EMPIC-EAP®
The Standard Software
for Aviation Regulators
Everywhere

*Built with regulators
for regulators.*

MADE IN GERMANY



LAPTOP & LEDERHOSE

*The Bavarian combination of
Innovation&German Values*

Contact Details

EMPIC GmbH
Güterbahnhofstrasse 5
91052 Erlangen, Germany

phone: +49 9131 877-300
info@empic.aero
www.empic.aero

 Lanyard Sponsor



Block Aero

Block Aero is an award-winning blockchain platform that allows organizations across the aviation supply chain to take control of their data, operations and collaborative workflows. We help organizations lower their cost of business, reduce turnaround times and explore new revenue streams.

Our platform is a secure and efficient place to manage aircraft, engines, APUs and other high value serialized parts. Organizations can then easily collaborate with their supply chain partners and track the progress of work orders or repair orders, manage the sale or exchange of parts, and many other B2B exchanges.

Block Aero has been collaborating with ICAO and the humanitarian aviation community since 2019 to develop a solution to help aviation crisis response and disaster risk reduction. Our Airport Status Information Tool (ASIT) ensures that aerodromes are able to facilitate humanitarian response during various types of disasters and emergencies. We will soon be trialling this software with the World Food Programme and other supportive national regulators.



Block.Aero
www.block.aero



Todd Sienna
todd.siena@block.aero

 Delegate Bag Sponsor / Exhibitor



VariFlight

As a leading provider of air travel services and digital technology solutions, VariFlight possesses nearly 20 years of civil aviation expertise. We have always been committed to efficiency promoting and value adding for the industry through advanced technologies. Leveraging the power of smart IT solutions and digital services, VariFlight helps airports, airlines and ANSPs to improve operational efficiency, whilst we also offer intelligent travel data applications for enterprises, passengers and the broader community. Additionally, we operate a number of industry consulting and information platforms as well as joint research labs with industry-leading partners.



INNOVATION FAIR

12
|
14

MARCH
2024



VariFlight
www.VariFlight.com



Simon Li
simon.li@variflight.com



Meeting Area Sponsor



JAA TO

The JAA Training Organisation (JAA TO) is a Dutch non-profit organisation and an Associated Body of the European Civil Aviation Conference (ECAC). JAA TO has a history of 50+ years training the aviation industry and national authorities on regulation in the air transport sector. JAA TO is the only Training Centre of Excellence - Platinum (TCE) in Europe recognised by the International Civil Aviation Organization (ICAO).

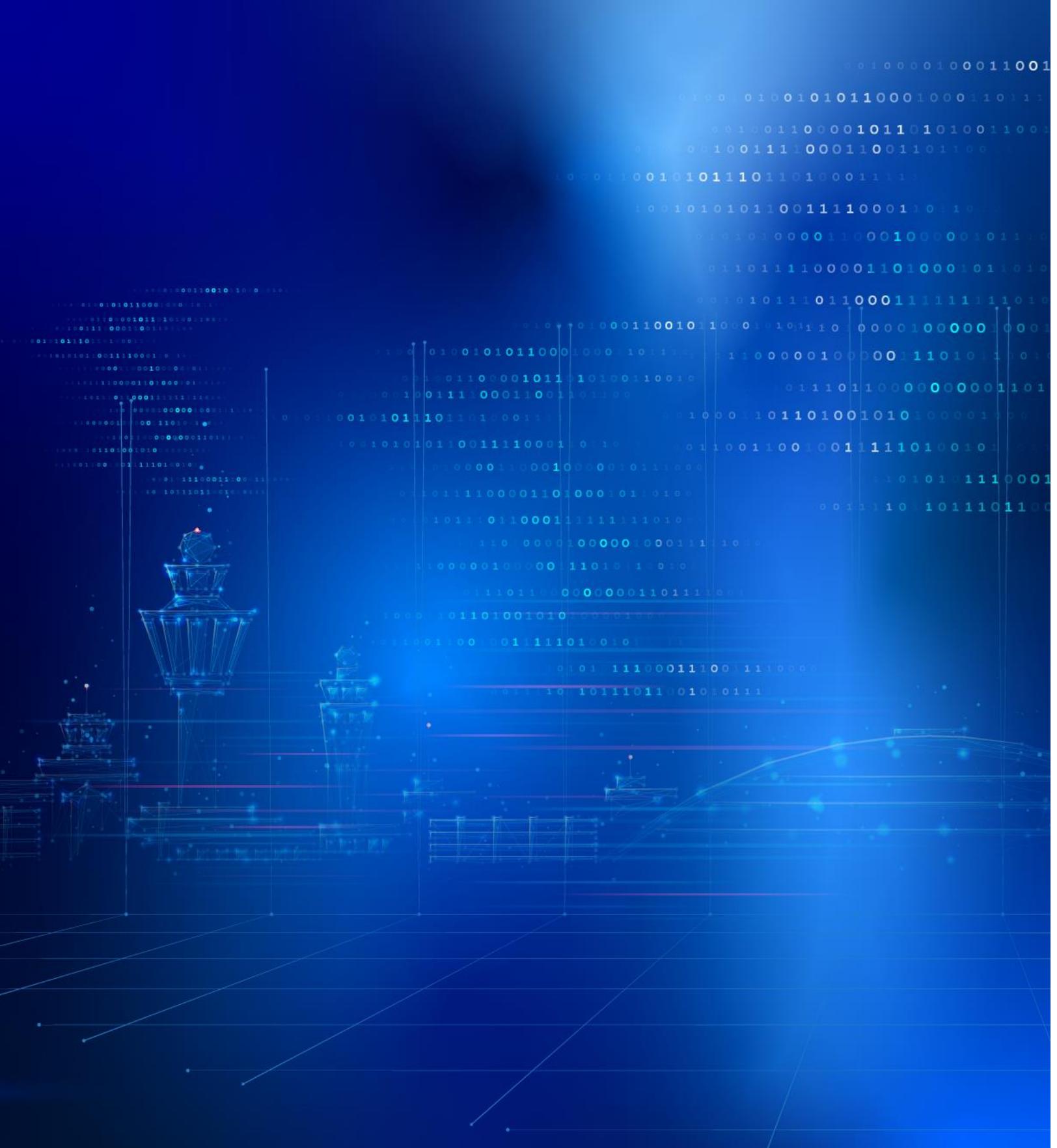
JAA TO schedules more than 300 training courses annually on topics such as Aerodromes, Safety, Security, UAS, Search and Rescue and Management. Within the aviation community, JAA TO offers a platform to learn and exchange views on latest regulatory developments. In addition, JAA TO provides advisory services, knowledge solutions, training consultancy and assistance with capacity-building for (aviation) training departments.



JAA TO
<https://jaato.com>



Karl Schreiber
kschreiber@jaato.com



Exhibitor Profiles

03.



ICAO

ICAO INNOVATION FAIR 2024

Exhibition Floor Plan - 4th Floor





INNOVATION FAIR

12
|
14

MARCH
2024



Booth 1

Axya is a team of driven professionals brought together by a shared vision of making the manufacturing world more transparent, open and efficient. Strategic buyers use Axya to be 5X more efficient in managing all their source-to-pay activities including purchase orders, RFQs, and supplier payments.



Axya
<https://axy.co/en/>



Félix Bélisle Dockrill
felix@axy.co



Booth 4

Cranfield has over 50 years' experience in transport, including the aviation, automotive, motorsport, military and marine sectors. We are one of the few universities in the world to have its own airport – our global research airport offers a unique environment for transformational research. Our education and award-winning research covers all modes of vehicles and transport across technology, engineering and management, including sustainable transport and intelligent mobility. In an increasingly interconnected world, we specialise in understanding the whole environment in which transport operates: the vehicles, infrastructure, businesses and logistics, as well as the human aspects of operating, managing and using transport. Our world-class facilities include high-performance wind tunnels, an off-road vehicle dynamics facility, a crash impact test centre (one of just two FIA (Federation Internationale de l'Automobile) approved test centres in the world) and our accident investigation laboratory, which is dedicated to our work in aviation, marine and rail safety and the only accident investigation laboratory of its type outside the United States. *See more information on the event application.*



Cranfield University

www.cranfield.ac.uk/transportssystem



Naomi Codrington

events@cranfield.ac.uk



Booth 5

Seabury Solutions is a leading software provider for CAA, Maintenance organizations and airlines. We support CAA with their digitalization transformation.



Seabury Solutions

www.seaburysolutions.com



Luc Beaudoin

lbeaudoin@seaburysolutions.com



Booth 6

Our specialised service analyses your business needs, for targeted XR solutions designed to increase efficiency and power business growth.

We bring immersive consulting experience and expertise to guide your immersive strategy and execute your vision, offering tailored advice on strategy, content creation, implementation, and user experience design.



Active Matter Aviation

www.activematter.tech/aviation



Basar Simitci

basar@born.net



Booth 8

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.



DSNA

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



François Richard-Bole

francois.richard-bole@aviation-civile.gouv.fr

As a leading provider of air travel services and digital technology solutions, VariFlight possesses nearly 20 years of civil aviation expertise. We have always been committed to efficiency promoting and value adding for the industry through advanced technologies.

Leveraging the power of smart IT solutions and digital services, VariFlight helps airports, airlines and ANSPs to improve operational efficiency, whilst we also offer intelligent travel data applications for enterprises, passengers and the broader community. Additionally, we operate a number of industry consulting and information platforms as well as joint research labs with industry-leading partners.



VariFlight

www.VariFlight.com



Simon Li

simon.li@variflight.com



Incheon Airport

Booth 10

Incheon International Airport Corporation (IIAC) is a leading airport management company dedicated to providing world-class services and facilities. Operating one of the busiest airports in the world, IIAC ensures seamless travel experiences for millions of passengers annually. With a focus on innovation, efficiency and customer satisfaction, IIAC continuously invests in cutting-edge technologies and infrastructure. As a global hub connecting East and West, Incheon International Airport plays a vital role in facilitating international travel, trade and tourism. Committed to excellence and sustainability, IIAC strives to uphold the highest standards of safety, security and environmental stewardship.



Incheon International Airport Corporation

www.airport.kr



Jun Choi

jychoi@airport.kr

The International Forum for Aviation Research (IFAR) is the world's only network of publicly-funded aviation research establishments. IFAR was founded in 2010 and operates on a voluntary, non-binding basis. Membership in IFAR is open to national aviation research organizations, including universities active in aviation research, that are (1) non-profit, (2) owned or funded by governments, and (3) committed to conduct civilian research activities in aviation. Only one member organization is nominated to represent its respective country. Currently, IFAR's 26 active aviation research organizations span all inhabited continents. More than 40,000 researchers work across the IFAR member organizations. The National Research Council of Canada (NRC) is a Government of Canada research and development (R&D) organization. Composed of 14 research centres, including the Aerospace Research Centre, the NRC partners with industry to take research impacts from the lab to the marketplace, where people can experience the benefits.



**National Research
Council Canada**

**Conseil national de
recherches Canada**

The NRC's unique expertise and facilities dedicated to aerospace R&D help businesses, academia and other government organizations, in Canada and internationally, overcome product development and certification challenges. Our 350+ aerospace researchers are focused on 8 key areas: Sustainable Aviation; Environmental Science, Climate Resilience and Space; Advanced Air Mobility; Defence and Sustainment; Aerospace Manufacturing Efficiency; Digital Twins and Virtual Testing; Icing and Safety; Air Travel Research.



IFAR

<https://ifar.aero/>



Adél Schröpfer

adel.schroepfer@dlr.de

NRC

<https://nrc.canada.ca/en>

Eric Lefebvre

nrc.aerobdt-edaero.cnrc@nrc-cnrc.gc.ca

At GSS, we simplify and solve complex challenges in order to improve lives. In this context, we inspire and build leaders committed to human growth and a sustainable future.

We are a human-centred aviation consulting firm focused on innovation and collaborative design. We leverage architecture, engineering, science and technology to imagine, explore and shape a better world.

GSS is your trusted modernization partner in planning, design and operational improvement. We help you creating digital twins to generate insight and performance. We strive to empower our clients' internal teams with new knowledge, skills and digital tools for continuous improvement.



GSS Inc.
www.visiongss.com



Cindy Bernard
cindy.bernard@visiongss.com

The Ministère des Relations internationales et de la Francophonie leads the Government of Québec's international action and supports the province's economic development and promotes the identity of Québec and protects its interests.

Through its mandate, its teams and Québec delegations in 20 countries, the department helps promote Québec's aerospace industry internationally.



Government of Québec
Ministère des Relations internationales et de la Francophonie (MRIF)
<https://www.quebec.ca/>



Inji Yaghmour
Inji.Yaghmour@mri.gouv.qc.ca



Booth 16

The Standard Software for Aviation Regulators – Everywhere Safety Oversight Management System in the digital World

EMPIC-EAP® is a specialized software system designed by and for regulatory authorities, tailored to meet their unique safety and security oversight needs as outlined by the ICAO Convention. With over two decades of expertise in serving aviation regulators, EMPIC is THE leader in this niche field. Boasting the largest client base worldwide for aviation regulatory oversight software, EMPIC supports more than 35 aviation regulators across over 40 territories, encompassing both civil and military authorities. This extensive reach underlines EMPIC's global impact in the aviation sector. To foster continuous improvement and collaboration, EMPIC hosts biannual user group meetings in Erlangen, Germany. These gatherings bring together our global community of users to discuss future developments, exchange best practices, and share experiences, ensuring that EMPIC remains at the forefront of aviation regulatory technology.



EMPIC GmbH

www.empic.aero



Jörg Kottenbrink

joerg.kottenbrink@empic.aero



Booth 18

Indra is a leading supplier of air traffic management systems with more than 11,000 installations deployed in 180 countries, at the forefront of the digital transformation of the sector. Indra is the technology partner of iTEC –working towards the digital European sky–, and it is digitalizing the integrated Network Manager (iNM) of Eurocontrol. Indra is one of the first companies in the world to commission remote virtual control tower systems and develop solutions based on AI, big data and digitalized IP communications.



Indra

www.indracompany.com



Enrique Castillo

ecastillos@indra.es



Booth 23

Emu Analytics is a London-based SME specialising in cutting-edge digital twin software solutions that are applied across the aviation sector. Our software technology seamlessly consolidates vast amounts of geospatial data, enabling real-time and historical analysis of aircraft movements, airside processes and operational performance on the apron and in the air. Our software empowers aerospace organisations to unlock critical insights that drive the optimisation of turnaround and on-time performance, enhance airspace planning, and elevate operational efficiency, sustainability, and safety. Our digital twin software is designed with accessibility in mind, ensuring users of all technical backgrounds can harness the power of these insights to tackle the most pressing challenges in an ever-evolving industry.



Emu Analytics

<https://www.emu-analytics.com/>



Richard Vilton

richard.vilton@emu-analytics.com



Booth 24

ECNA is responsible for the provision of air navigation services, maintaining a high level of operational safety management within the Flight Information Region assigned to the Republic of Cuba, committed to exceeding the expectations of our clients, respecting the environment, complying with the relevant legal and regulatory requirements with a group that works in safe conditions and focused on continuous improvement.



**Empresa Cubana de Navegación Aérea
(ECNA) S.A**

<https://aismet.avianet.cu>



Maxwell Chirino

maxwellchirino2019@gmail.com



ICAO

Booth 25

The International Civil Aviation Organization (ICAO) is a UN specialized agency, created in 1944 upon the signing of the Convention on International Civil Aviation (Chicago Convention).

Alongside the Convention's 193 Member States and global aviation organizations, ICAO works to develop international Standards and Recommended Practices (SARPs) which States reference when developing legally-enforceable national civil aviation regulations. Through the SARPs, today's global air transport network is able to operate close to 100,000 flights, safely, efficiently, and securely in every region of the world on a daily basis.



ICAO
www.icao.int



Innovation Team
Innovation@icao.int

PIONEERING
SUSTAINABLE
AEROSPACE
FOR
A
SAFE AND
UNITED
WORLD



We're on a mission to pioneer sustainable aerospace for a safe and united world. That's why we are committed to bringing the first hydrogen-powered commercial aircraft to market by 2035, paving the way to decarbonisation for future generations to come.

AIRBUS