

Under the Patronage of H.H Sheikh Ahmed bin Saeed Al Maktoum
President of Dubai Civil Aviation Authority, Chairman of Dubai Airports, Chairman and Chief Executive of Emirates Airline and Group



GLOBAL AIRPORT LEADERS' FORUM

Co-located with

airportshow

WOMEN
in Aviation
GENERAL ASSEMBLY

LEADING COLLABORATIVE SUSTAINABLE AVIATION GROWTH

EVENT PROSPECTUS

17 - 19 MAY 2022 | DUBAI WORLD TRADE CENTRE, UAE

Supported by

هيئة دبي للطيران المدني
Dubai Civil Aviation Authority



مصارف دبي
DUBAI AIRPORTS

onata

dans
دبي الخدمات الجوية
DUBAI AIR NAVIGATION SERVICES

GANS
Global Air Navigation Services

جمارك دبي
DUBAI CUSTOMS

شرطة دبي
DUBAI POLICE

مركز دبي أمن الطيران العالمي
Dubai Civil Aviation Security Center

Organised by

RX In the business of
building businesses

Managed by

NICHÉ
IDEAS

A MESSAGE FROM THE EVENT PATRON

The transformation that global aviation has undergone since early 2020 is unmistakable, particularly regarding its tech-driven approach to overhauling safety, health, security and efficiency levels in the operations of leading airports and airlines around the world. During this time of industry-wide innovation and adaptation, Dubai has been at the forefront of developing initiatives that have enabled aviation's accelerating bounce-back.

Dubai International, UAE airports and the region's leading airports were among the first globally to implement cutting-edge viral screening solutions, not to mention the proliferation of touchless technology.

Supported by Dubai Civil Aviation Authority, Dubai Aviation Engineering Projects, Dubai Airports and dnata, The Airport Show and its co-located events are a driving force for our industry to emerge even stronger following the coronavirus pandemic and showcase the latest solutions from around the world that will shape the future of the industry.

Held at the Dubai World Trade Centre from 17-19 May 2022, The Airport Show will give our global community an opportunity to return to a Live Event in Dubai. Airport Show will be in its 21st edition and over the last two decades has provided the ideal platform for the Middle East, Africa and South Asia's aviation authorities to collaborate with international industry leaders, experts and stakeholders to create the most advanced aviation facilities in the world.

We would like to take this opportunity to thank you for your support over the years and look forward to celebrating our remarkable industry and its achievements with you at the next event.

I look forward to welcoming you to Dubai and to your valuable contribution to support the sustainable recovery of our industry.



H.H. Sheikh Ahmed bin Saeed Al Maktoum

*President of Dubai Civil Aviation Authority,
Chairman of Dubai Airports, Chairman and
Chief Executive of Emirates Airline and Group*



99%

rated the conference as
very important for their role

92.5%

delegates are satisfied of
the conference

600+



Delegates

50+



Speakers

200+



Participating
Companies

5



Networking
Events

25



Speaker
Nationalities

13



Keynotes

12



Panel Discussions

50+



Government
Entities



GLOBAL AIRPORT LEADERS' FORUM

PASSENGER EXPERIENCE

AIRPORT INNOVATION & DEVELOPMENT

AIR TRAFFIC MANAGEMENT

AIRPORT SUSTAINABILITY

AIRPORT SECURITY

Held in conjunction with the world's largest annual airport exhibition Airport Show, the **Global Airport Leaders' Forum (GALF)** has a 3-day agenda and assembled the foremost aviation policy, business and technology leaders from around the world in an effort to address their needs and provide them with a platform on which they can engage, exchange knowledge, share best practices, forge partnerships and discuss issues of common interest.

2022 SPEAKERS



Abdullah Al Shamsi

*Senior Director of Future of Things,
Dubai Aviation Engineering Projects*



Engr. Mohammed Ahmed Al Mowkley

*CEO,
MATARAT Company*



Andrea Bombelli

*International Sales and Marketing
Manager, Angelo Bombelli Srl*



Eng. Stefano Napoli

*Business Development & Engineering,
MobiMESH inPiazza s.r.l.*



Anthony Peter Leon

*Senior Asset Director,
Air BP Middle East & North Africa*



Fabio Pinton

CEO, Seingim Global Service S.r.l.



Charles Yammine

*Manager Security - Quality,
Compliance & Excellence,
Airport Security*



Fahmi Jabri

*General Manager - Building
Management Solutions, Honeywell*



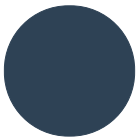
Claudio Tomei

*Airport Solutions Responsible,
Almaviva SpA*



Federico Lorenzo Forte

*Public Relations Manager,
ForteSecurGroup*



Damian Kysely

*Head of Infrastructure,
Europe and Middle East, Skyports*



Francesco Sperandio

*Transport and Mobility Senior
Director, RINA Consulting S.p.A.*



David Shomar

*Vice President, Civil Security,
Middle East & North Africa Operations,
SAAB Inc.*



Giulio De Carli

Managing Partner, One Works



Dr. Debora Cazzani

*Marketing & Export Manager,
MC SOLUTIONS*



Gregor Aschwanden

Senior Product Manager, Skyguide



Dr. Omar Kaddouha

*Director Flight Safety, Directorate
General of Civil Aviation, Lebanon*



H.E Major General Mohammed Ahmed Al Marri

*Director General, General Directorate
of Residency & Foreign Affairs -
Dubai*



Engr. Arif Al Janahi

*Director of security engineering,
Airport Security*



Ibrahim Ahli

*Deputy CEO, Dubai Air
Navigation Services*

2022 SPEAKERS



Ivan Baruta
Principal Consultant, Egis



Raed Al Idrissi
*Acting CEO,
Saudi Ground Services*



Jacques Khoriaty
*Middle East Chief Commercial Officer
and Aviation Director, Egis*



Ramesh Cidambi
*Chief Operating Officer,
Dubai Duty Free*



Kashif Khalid
*Regional Director
Africa & Middle East Airports,
Passenger, Cargo, Security &
Facilitation, IATA - Moderator*



Robert Powell
*Vice President dnata
Technical Services,
Airport Innovation & Development*



Korijn Defever
*Senior Manager Operational Excellence,
Airport Intelligence*



Tom Eskola
*Vice President and General Manager,
EMEA*



Mark Green
*Head ANS Support, Global Air
Navigation Services LLC*



Yahya Abdalla AlHammedi
CEO, GAL ANS



Mohammed Faisal al Dossari
*Senior Director Air Navigation
and Aerodromes Department,
UAE GCAA*



Mohamed Rashid Al Ghailani
*Sustainability Policy
& Partnerships Regional Lead
Middle East Turkey and Africa*



Muayyed Al Teneiji
*Acting Director
Air Traffic Management,
General Civil Aviation Authority*



Pascal Tomas
*Sales Area Manager
Aviation, Custom Spa*



Paul A. Brown
Airport Innovation & Development

AIRPORT INNOVATION & DEVELOPMENT

Day 1 • 17 May 2022
Room A

Airports have always been at the forefront of innovation, experimenting new technologies faster than most other industries in their pursuit to enhance operational efficiency and passenger experience. However, COVID caused the largest ever disruption to the industry in its history and caused it to rethink many of the innovations and developments it had planned. The pandemic, combined with climate change, evolving passenger requirements, emerging technologies that are beneficial yet threatening at the same time and changing regulations, have caused airports to rethink what future development looks like. The Airport Innovation & Development conference at GALF 2022 will help airport leaders prepare for the return to growth, putting innovation and passengers at the centre of their strategies.

TIME	SESSION
10:00 am - 11:00 am	Registration / Networking
11:00 am - 11:15 am	Welcome Address / Opening Ceremony <i>H.E. Jamal al Hai, Deputy CEO, Dubai Airports <invited></i>
11:15 am - 11:30 am	Keynote Address: <Topic TBC> <i>Eng. Mohammed Ahmed al Mowkley, CEO, Matarat Company, Saudi Arabia</i> <i>Moderator: Arsh Sharif, Aviation Specialist</i>
11:30 am - 12:30 pm	Panel Discussion: Adopting data, AI, 5G and robotics to rethink the passenger experience Passengers around the world are becoming increasingly demanding on service levels and experiences at airports. Social media allows travellers to comment, like and dislike their experience and share it with millions instantly. In this session we will look at some of the latest innovations in technology that can provide an opportunity for airports to thrill and entertain their passengers. <i>Tom Eskola, Vice President & General Manager, Panasonic Avionics Corporation</i> <i>Jacques Khoriaty, Middle East Chief Commercial Officer and Aviation Director, Egis</i> <i>Pascal Tomas, Sales Area Manager - Aviation, Custom Spa</i> <i>Moderator: Sunil Malhotra, Managing Director, Bchain Consultants</i>
12:30 pm - 01:30 pm	Panel Discussion: Advances in integrated, automated, electric mobility in the airport environment With the expected boom in aviation over the next few decades, airports, ground handlers and ANSPs will be required to match capacity expansions at airlines. Expansion comes at a huge cost, financially and to the climate. Aviation has therefore been increasingly looking towards integrated, automated, electric mobility to minimise costs and enhance efficiency. New technologies offer substantial fuel savings for airline partners, reduced emissions and improved air quality at airports, decreased noise, safer taxiing operations by reducing collisions and higher airport throughput increasing capacity without large additional expansions. The development of the electric vehicle market also provides an opportunity to advance airports as infrastructure assets for electric generation, as electric buses and cars are linked together to transfer power with each other and store electricity. <i>Robert Powell, Vice President Technical Services, dnata</i> <i>Francesco Sperandio, Transport and Mobility Senior Director, RINA Consulting S.p.A.</i> <i>Andrea Bombelli, International Sales and Marketing Manager, Angelo Bombelli Srl</i> <i>Moderator: Arsh Sharif, Aviation Specialist</i>

Note: This is a draft programme with suggested speakers, which may be subject to change. For an updated programme, confirmed speakers' list or participation information, please contact Daksha Patel on daksha@nicheideas.net or +971 56 690 7668.

AIRPORT INNOVATION & DEVELOPMENT

Day 1 • 17 May 2022

Room A

TIME	SESSION
01:30 pm - 02:30 pm	<p>Panel Discussion: Making innovations in design, ambience and operations a key element of the airport development strategy</p> <p>Airports today are more than just transit facilities for air travellers. They are mega hubs, competing for discerning customers to be engines of economic growth for the cities they serve. Airport design has changed considerably in the last few decades and developed aviation markets require the most urgent upgrades (e.g. the average airport in the world's largest aviation market, the US, is 40 years old). Prepandemic, global airport infrastructure development up to 2030 was estimated at US\$1 trillion, and new airports and upgrades must be innovative and adopt the latest technologies, processes and design to ensure they deliver the flexibility, ambience and efficiency required from them for several decades.</p> <p><i>Abdullah Al Shamsi, Senior Director of Future of Things, Dubai Aviation Engineering Projects</i> <i>Paul A. Brown, CEO, Jackson Municipal Airport Authority – JMAA</i> <i>Dr. Debora Cazzani, Marketing & Export Manager, MC SOLUTIONS</i> <i>Ramesh Cidambi, Chief Operating Officer, Dubai Duty Free</i> <i>Giulio De Carli, Managing Partner, One Works</i> <i>Moderator: Orkun Altintas, Director Consulting - Aerospace & Defense (EMEASA), Frost & Sullivan</i></p>
02:30 pm - 03:30 pm	<p>Panel Discussion: Preparing for future urban air mobility</p> <p>The growth of urban air mobility, using highly automated aircraft that can operate and transport passengers or cargo at lower altitudes within urban and suburban areas, is gaining traction globally and will be an integral part of the future travel experience. As the sector takes off, aviation, transport and city planning authorities are preparing the infrastructure to meet projected growth. In this session we will look at vertiports in more detail and regulation, infrastructure planning and growth forecasts for the urban air mobility sector.</p> <p><i>Damian Kysely, Head of Infrastructure, Europe and Middle East, Skyports</i> <i>Korijn Defever, Senior Manager Operational Excellence, Airport Intelligence</i> <i>Moderator: Arsh Sharif, Aviation Specialist</i></p>
03:30 pm	<p>End of Day</p>

AIR TRAFFIC MANAGEMENT

Day 1 • 17 May 2022
Room B

As global aviation restarts after the COVID pandemic, the sector is experiencing a huge surge to return to 2019 traffic and a period of sustained growth thereafter. The industry is expected to double passenger numbers in less than two decades, with middle income consumer growth in over half the world's developing economies and new airlines and airports being developed in every part of the world. Ensuring efficiency in the sky is imperative to meeting air passenger growth on the ground. COVID provided the air traffic sector a much needed opportunity to analyse performance gaps and prepare future strategies for how the sector can harness new, more sophisticated technologies. The Air Traffic Control conference at GALF 2022 will bring together global aviation leaders and ATC experts to discuss the key issues that will define and enhance ATC operations over the next several decades.

TIME	SESSION
10:00 am - 11:00 am	Registration / Networking
11:00 am - 11:30 am	Welcome Address / Opening Ceremony <i>Ibrahim Ahli, Deputy CEO, Dubai Air Navigation Services</i>
11:30 am - 12:00 pm	Keynote Address: Standardising regulations regionally and globally Post COVID the industry must work across all aspects of aviation to standardize regulations and spur growth. <i>Mohammed Faisal al Dossari, Senior Director Air Navigation and Aerodromes Department, UAE GCAA</i>
12:00 pm - 12:25 pm	Panel Discussion: Protecting your airspace from drone incursions and other vulnerabilities Air Traffic Control can play a huge role in reducing carbon emissions by adopting new technologies that can help airlines plan more efficient routes and work with other stakeholders to help reduce the overall carbon footprint. <i>Yahya Abdalla Al Hammadi, CEO, GAL ANS</i>
12:25 pm - 13:25 pm	Keynote Address: New technologies that will help the industry reduce its carbon footprint New technologies are bringing in new, more sophisticated threats for ANSPs. The Middle East – like so many other parts of the world, has seen major disruptions to flight operations and billions of dollars lost in revenue, due to recreational drones alone. In this session we will look at some of the latest airspace vulnerabilities that ANSPs are preparing for and how they are mitigating these. <i>Dr. Omar Kaddouha, Director Flight Safety, Directorate General of Civil Aviation, Lebanon</i> <i>Mark Green, Head ANS Support, Global Air Navigation Services LLC</i> <i>Eric Wernsperger, Solution Sales Manager – Remote Digital Tower Technologies, Frequentis</i> <i>Moderator: Khurram Qureshi, Project Specialist, Dubai Air Navigations Services (DANS)</i>

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AIR TRAFFIC MANAGEMENT

Day 1 • 17 May 2022
Room B

TIME	SESSION
13:25 pm - 14:25pm	<p>Panel Discussion: Building a Digital Sky to meet future ATM challenges</p> <p>Digitalisation has created enormous efficiencies across the aviation supply chain and provides a clear path for the ATM industry to build a more scalable, resilient, climate friendly airspace that is able to accommodate a growing number of aircraft and new air vehicles.</p> <p><i>Muayyed Al Teneiji, Acting Director – Air Traffic Management, General Civil Aviation Authority</i> <i>David Shomar, Vice President, Civil Security, Middle East & North Africa Operations, SAAB Inc.</i> <i>Ivan Baruta, Principal Consultant, Egis</i> <i>Moderator: TBC</i></p>
14:25 pm	End of Day

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AIRPORT SECURITY

Day 2 • 18 May 2022
Room A

Security will always be a critical component of the air transport industry, which has experienced a disproportional number of security attacks and incidents. While the nature and complexity of security threats has risen with new data driven technologies and significant passenger growth each decade, airport authorities have also been able to build more resilient security infrastructure that is able to monitor millions of passengers' movements from the minute they arrive at the airport to the time they take off. Complex control centres combine AI, advanced biometrics, cyber security, IoT and many other technologies to ensure passenger safety, while at the same time trying to minimise passenger discomfort and delay. The Airport Security conference will host air transport and law enforcement experts to discuss the critical developments in Airport Security that are being rolled out across airports globally.

TIME	SESSION
10:00 am - 11:00 am	Registration / Networking
11:00 am - 11:20 am	Welcome Address / Opening Ceremony <i>H.E. Major General Mohammed Ahmed Al Marri, Director General, General Directorate of Residency & Foreign Affairs - Dubai</i>
11:20 am - 11:40 am	Keynote Address: Developing intelligent, end to end control of entire airport infrastructures to meet future security challenges <p>As security threats get more advanced, airports must look at complete end-to-end solutions that are able to detect and mitigate security challenges before they occur. Planning is key to developing an intelligent system that is able to secure the entire airport ecosystem..</p> <i>H.E. Major General Pilot Ahmed Mohammed Bin Thani, Assistant to the Commander-in-Chief for Ports Affairs, Dubai Police</i>
11:40 am - 12:00 pm	Keynote Address: How can advanced, disruptive technologies such as AI, machine learning, VR, robotics and data help enhance resilience? <p>Latest innovations in technology are being adopted at the most advanced airports in the world to enhance resilience. This session will help us understand which technologies offer the best longterm solution for airports during a period of sustained growth..</p> <i>Eng. Arif Al Janahi, Director of Security Engineering, Security Industry Regulatory Agency (SIRA), Dubai</i>

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AIRPORT SECURITY

Day 2 • 18 May 2022
Room A

TIME	SESSION
12:00 pm - 01:00 pm	<p>Panel Discussion: Building stakeholder collaboration to ensure passenger safety and satisfaction is not just the responsibility of airports and airlines</p> <p>Airports need to work closely with multiple national security agencies, including immigration, customs, police, civil defense and other homeland security departments. Collaboration is key to delivering a seamless, efficient and secure passenger journey.</p> <p><i>Charles Yammine, Manager Security – Quality, Compliance & Excellence, Emirates</i> <i>Fahmi Jabri, General Manager – Building Management Solutions, Honeywell</i> <i>Federico Lorenzo Forte, Public Relations Manager, ForteSecurGroup</i> <i>Moderator: Arsh Sharif, Aviation Specialist</i></p>
01:00 pm - 02:00 pm	<p>Panel Discussion: How are ‘Smart Travel’ initiatives contributing to better security management</p> <p>Smart travel initiatives that provide innovative, sustainable and effective solutions for passengers and airports, also offer better security management through the use of advanced technologies and innovations.</p> <p><i>Raed Al-Idrissi, Acting CEO, Saudi Ground Services</i> <i>Pascal Tomas, Sales Area Manager - Aviation, Custom Spa</i> <i>Moderator: Arsh Sharif, Aviation Specialist</i></p>
02:00 pm	End of Day

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AIRPORT SUSTAINABILITY

Day 2 • 18 May 2022

Room B

Aviation Sustainability has been an important concern for many years with ICAO, IATA and ACI members pledging their commitment towards reducing emissions as the sector expands faster than most other forms of transport and trade. While airlines and OEMs have been much more public in promoting their sustainability programmes, airports have also made huge strides towards cleaner air transport and committed (under the aegis of ACI) to reach net zero carbon emissions by 2050. Individually many smaller airports have already achieved net zero or will do so by the end of this decade. The Airport Sustainability conference at GALF 2022 will look at the world's leading airport sustainability initiatives and hear from leaders at the world's most environmentally friendly airports on best practices and valuable insights.

TIME	SESSION
10:00 am - 11:30 am	Registration / Networking
11:30 am - 12:00 pm	<p>Keynote Address: Drones for CNS Maintenance</p> <p>Using a drone to complement of ILS / VOR ground and flight measurements: Skyguide's experience after more than four years of successful operational use proves its value by paying back in real environmental and financial benefits. Skyguide's CNS Drone prevents a substantial amount of CO₂ emissions and (nighttime) noise by saving expensive flight check hours, while minimizing runway downtime.</p> <p>Skyguide's CNS Drone, based on extensive experience and a high level of achievements, has opened new horizons in terms of ILS/VOR measurement techniques: for preventive and corrective maintenances, and for commissioning of new ILS's as well. Following ICAO DOC 8071, the excellent correlation enabled a flight check reduction by over 50% in Switzerland, with civil and military regulator approval! More than a complement to flight check, it is a key enabler for reduction of the CNS maintenance costs, as well as noise disturbance and CO₂ emissions.</p> <p><i>Gregor Aschwanden, Senior Product Manager, Skyguide</i></p>
12:00 pm - 01:00 pm	<p>Panel Discussion: Innovations and technologies that can help airports be more climate friendly</p> <p>From airport design, smart landing technologies, noise management solutions, building energy management systems, LED lighting and electric vehicles to reducing wastage through AI, air quality monitoring and developing on-site renewable energy supplies, airports have a vast range of technologies to help them be more environmentally friendly. In this session, our panel of global experts will discuss the innovations leading the way to greener airports in the future.</p> <p><i>Mohamed Rashid Al Ghailani, Sustainability Policy & Partnerships Regional Lead - Middle East Turkey and Africa</i> <i>Ayman A. M Aboabah, VP Operations, Riyadh Airport</i> <i>Fabio Pinton, CEO, Seingim Global Service S.r.l.</i> <i>Anthony Peter Leon, Senior Asset Director, Air BP Middle East & North Africa</i> <i>Moderator: Sohail Ali, Senior Vice President Operations Middle East and Africa, British Airways</i></p>

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AIRPORT SUSTAINABILITY

Day 2 • 18 May 2022
Room B

01:00 pm -
02:00 pm

Panel Discussion: How can airport sustainability contribute towards a better passenger experience?

Many innovations in airport technology not only have the potential to enhance sustainability but also offer greater operational efficiency and better passenger experience. Passengers have expressed a strong desire for more automation, contactless and data driven experiences and AI, RFID, robotics, data and other modern technologies that deliver these also offer greater operational efficiency. An increasing number of global air travelers are climate conscious and new technologies offer airports an opportunity to enhance the passenger experience and be more sustainable at the same time.

Kashif Khalid, Regional Director – Africa & Middle East Airports, IATA

Claudio Tomei, Airport Solutions Responsible, AlmovivA SpA

Eng. Stefano Napoli, Business Development & Engineering, MobiMESH inPiazza s.r.l.

Giulio De Carli, Managing Partner, One Works

Moderator: Sohail Ali, Senior Vice President Operations Middle East and Africa, British Airways

02:00 pm

End of Day

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