

INTERNATIONAL CONFERENCE ON SHAPING THE FUTURE OF AVIATION INDUSTRY WITH SMART TECHNOLOGIES IN DIGITALISATION AND INNOVATION

DATE
22 MAY 2024 (WED)

TIME
09:30 - 17:30

LANGUAGE
ENGLISH Simultaneous interpretation
for Cantonese available

VENUE
**CONFERENCE HALL, 4/F, HKPC BUILDING,
78 TAT CHEE AVENUE, KOWLOON**

COST
**FREE OF
CHARGE**

With the development of the three-runway system, a significant increment in the number of passengers and flights at Hong Kong International Airport is expected. In order to accommodate air traffic growth, digitalisation and technological innovation emerge with vital importance in enhancing operational efficiency and productivity as well as changing the way how the global industry works. This conference aims to help stakeholders from Maintenance, Repair & Overhaul (MRO), catering, engineering ground support, logistics and warehouse, terminal, airlines, etc., keep pace with the recent technological development and strengthen Hong Kong's status as an international aviation hub.

MAIN ACTIVITIES

Presentations and Q&A Session

Experts will share on topics related to digital and intelligent solutions, and innovative applications in the aviation industry, followed by a Q&A session, to address questions from the audience.

Showcase Area

An exhibition area will showcase key developments and technologies in digitalisation and innovation for aviation industry.

Join us now and stay ahead of the curve to take a leap forward in the dynamic world of aviation.

Organiser



Funding Organisation



Sponsor



RUNDOWN

09:00 - 09:30

Registration

09:30 - 09:40

Opening remarks

09:40 - 10:25

Presentation 1

Topic: Digitalisation and Innovation in Airport

Speaker: Chris Au Young, General Manager, Innovation & Data Insights of Airport Authority Hong Kong

Introduction: Chris leads a number of innovative developments to transform the Hong Kong International Airport into an airport of the future. He actively engaged in airlines, technology leaders, universities, research institutions and participated in international organisations of the industry, to shape the future travel experience and drive for operational excellence.



10:25 - 11:10

Presentation 2

Topic: Dynamic Machining of Precision Airfoils

Speaker: Fritz Wittwer, Sales Director of Georg Fischer Ltd

Introduction: Fritz has been involved in the production of turbine components in aerospace and energy applications with the main focus on machining airfoils for turbine rotor and stator for more than 20 years.



11:10 - 11:30

Break

11:30 - 12:15

Presentation 3

Topic: Digital Transformation on Aviation: Airside 4.0 Strategy

Speaker: Juan Somozas, Business Development Innovation Team Leader of ADB Safegate

Introduction: Juan is an aeronautical engineer with 21 years of experience in the aviation sector (Airports, Aircrafts and Airlines). He has helped the company acquire some of the largest turnkey projects in its history such as Doha, Abu Dhabi, etc. and currently supports the introduction of the Airside 4.0 solutions around the world.



12:15 - 14:00

Lunch (Self-arrange)

11:30 - 12:15

Presentation 4

Topic: Revolutionising the Commercial Aviation Industry with Smart Model-based Systems Engineering

Speaker: Jinzhi Lu, Associate Professor of Beihang University

Introduction: Dr Lu is the Director of the Office for School-Enterprise and School-Community Collaboration of the School of Aeronautic Science and Engineering, Co-chair of the Industrial Ontologies Foundry (IoF) Systems Engineering Working Group, INCOSE CSEP, and Technical Leader of KARMA Language.



RUNDOWN

14:45 - 15:30



Presentation 5

Topic: Latest Innovations on NDT and their Applications in Critical Aviation Parts Manufacturing and MRO

Speaker (1): Micha Kemelman, VP Sales of ScanMaster Systems (IRT) Limited

Introduction: Micha works with customers who are users of automated ultrasonic inspection systems worldwide in many industries, and predominantly in the jet engine manufacturing and MRO industries, including with OEM's to define the needed solutions for inspection, and for enhancing productivity of the systems and overall operation.



Speaker (2): Norman Ng, Director of ScanMaster Systems (IRT) Limited; and Chairman & CEO of De Hua Materials Testing Company Limited

Introduction: Norman is Entrepreneur, NDT Fellow and Mechanical Engineer in the field of Quality Control with more than 44 years of working experience with comprehensive knowledge in NDT applications from manual inspection to automation with involvement of Artificial Intelligence to increase the production efficiency.

15:30 - 15:50

Break

15:50 - 16:35



Presentation 6

Topic: Digital Transformation in Airports: Smart Airport Solution

Speaker: Moussa Huang, Director of Overseas Aviation of Huawei Technologies Co., Ltd

Introduction: Moussa is responsible for Huawei's overseas aviation industry work, including sales, solution planning and design, integration verification, and ecosystem cooperation, who committed to providing end-to-end innovative ICT solutions and services for customers in the aviation industry.

16:35 - 17:20



Presentation 7

Topic: Digital Technology Empower Maintenance Excellence

Speaker: Dahan Yang, SVP & General Manager of Customer Service, Digital Industries of Siemens Limited, China

Introduction: Mr Yang has extensive professional knowledge and leadership experience in areas such as marketing, product management, business development, engineering management, and industrial services. He is dedicated to providing comprehensive and excellent services throughout the entire lifecycle for manufacturing customers.

17:20 - 17:30

Closing remarks

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WORKSHOP ON THE DIGITAL WAVE IN



AVIATION

22 MAR 2024 (FRI)
DATE

09:30 - 12:30
TIME

ENGLISH
LANGUAGE

The aviation industry is undergoing a rapid digital transformation, with new technologies and innovations emerging at an unprecedented pace. From advanced analytics and artificial intelligence to blockchain and the Internet of Things, the digital wave is disrupting traditional business models and creating new opportunities for growth and efficiency.

**THEATRE 2, 1/F,
HKPC BUILDING,
78 TAT CHEE AVENUE,
KOWLOON**
VENUE

FREE OF CHARGE
COST

At this workshop, we will explore the latest trends and technologies that are shaping the future of aviation. Experts will share their insights and experiences on how digital technologies are being used to improve safety, increase efficiency, reduce costs and enhance the customer experience.

Organiser



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DIGITAL WAVE IN AVIATION



Topics	Digital Transformation of Cargo and Logistics Services
Speaker	Thomas Yu, Senior Director of Global Airport Hub Services
Company	Cainiao Group

Introduction Thomas, who possesses over 20 years of experience in the aviation industry, is leading the commercial and operational functions of global airfreight hub business across the end-to-end cross border logistics services, and responsible for delivering operational strategies, innovating new processes, implementing digital solution and expanding global presence in the worldwide network.

B R E A K

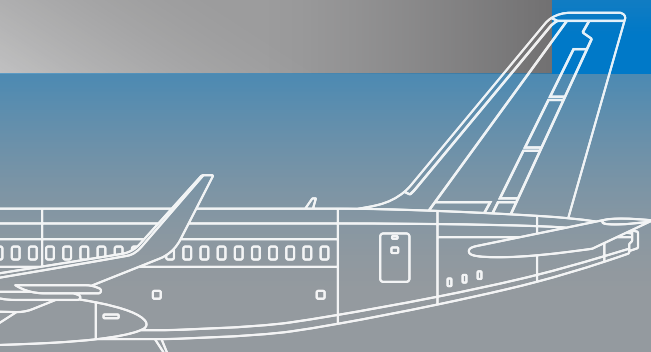
Topics	AI Technology for a Safer, Smarter and Greener Airport
Speaker	Claudi Zhu, Hikvision Traffic Solution Manager
Company	Hikvision Technology Pte. Ltd.
Introduction	Claudi serves for Hikvision traffic management solution for more than 8 years, who experienced in AI technology, big data and traffic management.



B R E A K



Topics	Digitalisation and Advanced Technology in Smart Airports
Speaker	John Liu, Head of Digital Service
Company	Schneider Electric (Hong Kong) Limited
Introduction	John serves as Head of Digital Service at Schneider Electric Hong Kong. He possesses 20+ years of experience in telecommunications, IoT, property, health, emerging technologies and robotic solutions.



JOIN US NOW

and stay ahead of the curve in the
fast-paced world of aviation.

ENROLMENT PROCEDURES



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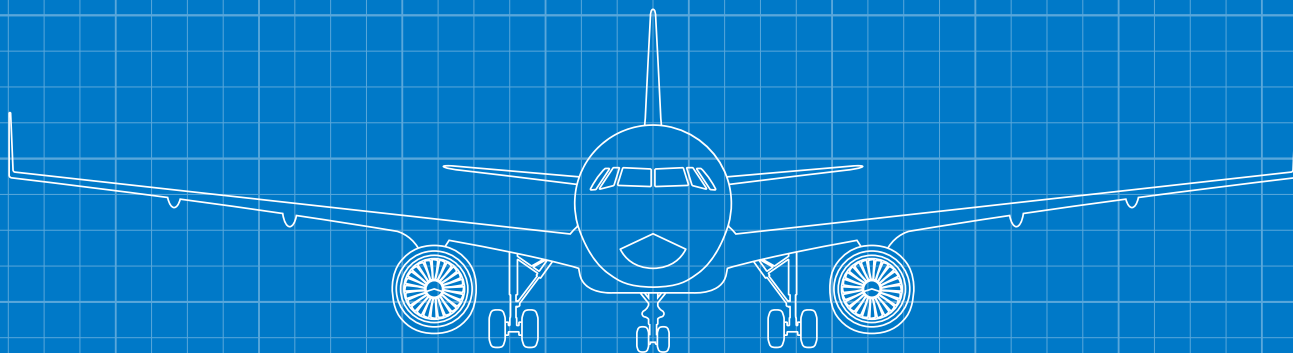
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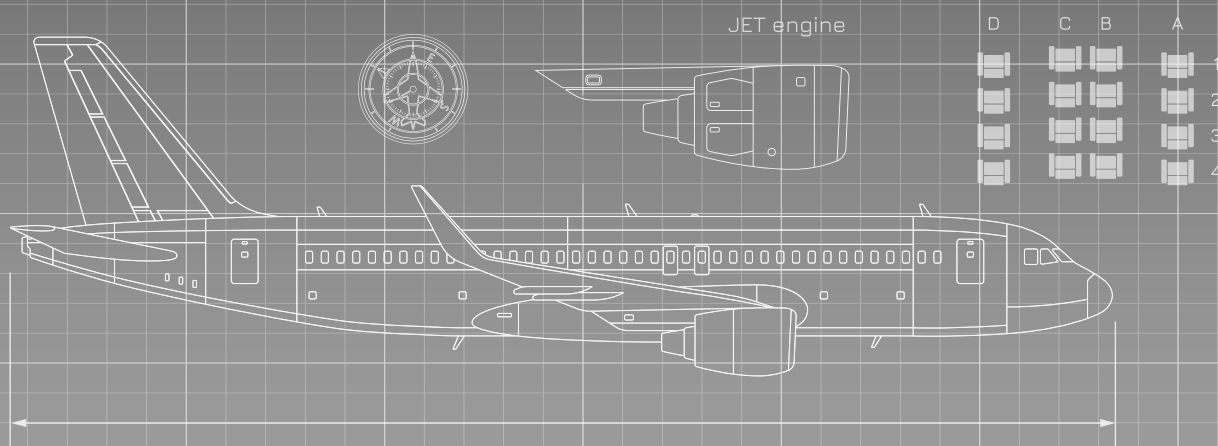


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WORKSHOP ON INNOVATION IN



22 MAR 2024 (FRI)
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ENGLISH
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The aviation industry has been at the forefront of innovation. The three-runway system in Hong Kong under development will stimulate higher demand for air traffic, while innovation continues to be critical for controlling air traffic, improving efficiency and enhancing operational capabilities.

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The upcoming workshop, featuring experts in advanced technologies and automation, offers a valuable opportunity for stakeholders in the aviation industry to explore innovative solutions and new ideas, share their experiences, and learn from industry leaders.

JOIN US NOW
and work together to drive innovation
and growth in the aviation industry.

Organiser



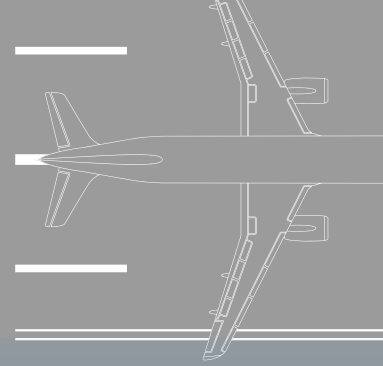
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INNOVATION IN AVIATION



Topics Innovation in Baggage Operation

Speaker Kenneth Leung, Senior Sales and Account Manager

Company Vanderlande

Introduction Kenneth is a seasoned manager in the aerospace, aviation, and airport industry with 20 years of engineering and commercial management experience. He has successfully expanded the market presence of these companies in the Asia Pacific region through cultivating new customer relationships, exploring untapped markets, and fostering new partnerships.



Speaker Frans Wijnheijmer, Senior Product Manager

Company Vanderlande

Introduction Frans has rich experience in aviation industry, and the Integration of the airport's existing and new baggage handling systems and VIBES software. His interest in the interface between technology and commerce drove him to accept responsibility for the product management of Vanderlande's airport storage solutions ADAPTO in 2021.

B R E A K

Topics Revolutionising Airport Security:
Novel Technologies at the Forefront

Speaker Connie Wong, Marketing Manager

Company Nuctech Hong Kong Company Limited

Introduction Connie has led her team to expand its presence in various markets. Her ability to adapt to changing business landscapes has resulted in significant success with her strategic vision and effective coordination.



B R E A K

Topics Transforming the Future of AI

Speaker Sean Chen, Solution & Service Director

Company SICK China Co., Ltd.

Introduction Sean has more than 16 years' experience in Automation industry with good knowledge about robotic integration, includes vision and safety application, digitalisation in FA and LA industry.

He is now working on providing whole portfolios from products and solutions, includes sensor package and AI total solution, which helps customer moves business forward.



Speaker Leo Liu, Proposal Manager

Company SICK China Co., Ltd.

Introduction Leo has spent more than 8 years in AIDC manufacturing, focusing on retail, logistics, and OEM industry. He is now working on factory automation to logistics automation and process automation.



ENROLMENT PROCEDURES



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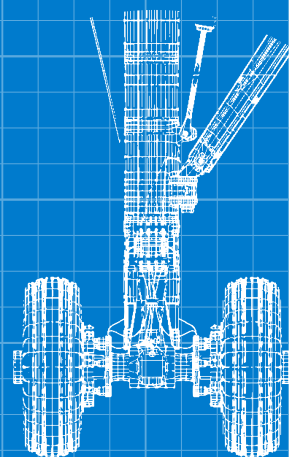
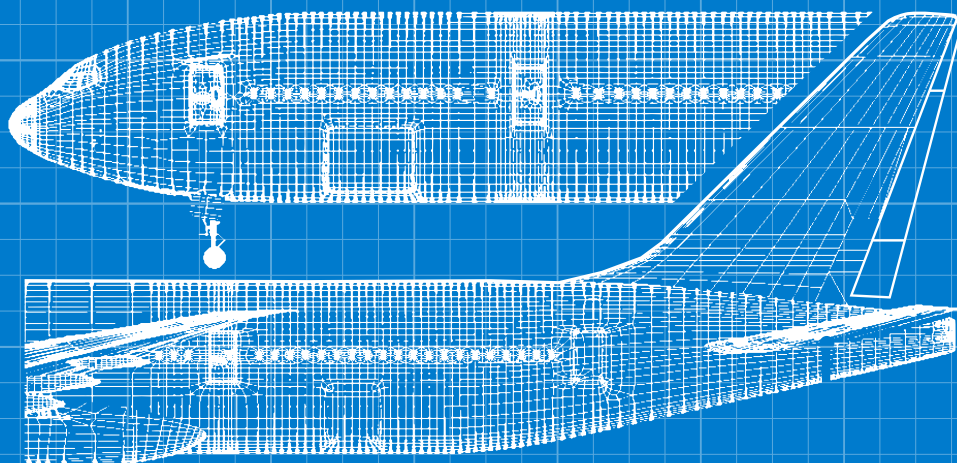
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