

# 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

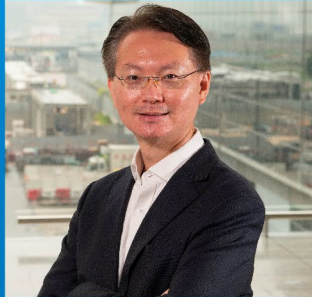
09:40 - 10:25

**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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## INQUIRIES

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Supporting Organisation



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