



ICAO

International Civil Aviation Organization**Twenty Eighth Meeting of the Communications/  
Navigation and Surveillance Sub-group (CNS SG/28)  
of APANPIRG**

Bangkok, Thailand, 01-05 July 2024

**Agenda Item 13:** Innovation and new technologies

## 13.1 Asia Pacific/Global events on Innovation and Capacity Building

**UNITING THE STRENGTH OF INNOVATION FOR BUILDING A SEAMLESS SKY -  
THE ASIA PACIFIC REGION INNOVATION & CAPACITY BUILDING SYMPOSIUM 2023**

(Presented by Hong Kong, China)

**SUMMARY**

This paper shares the successful hosting of the Asia Pacific Region Innovation & Capacity Building Symposium 2023 under the theme “*Uniting the Strength of Innovation for Building a Seamless Sky*” in Hong Kong, China in December 2023.

**1. INTRODUCTION**

1.1 The Asia Pacific Region Innovation & Capacity Building Symposium 2023 (APICS 2023) successfully took place from 14 to 15 December 2023 at the AsiaWorld-Expo, Hong Kong China, which was co-hosted by the Civil Aviation Administration of China (CAAC), the Hong Kong Civil Aviation Department (CAD), and the Hong Kong International Aviation Academy (HKIAA), with support from the International Civil Aviation Organization (ICAO) Asia and Pacific (APAC) Regional Office and the Airport Authority Hong Kong (AAHK), to foster innovation, technological development and capacity building of the civil aviation industry regionally and globally.

1.2 Under the theme “*Uniting the Strength of Innovation for Building a Seamless Sky*”, this flagship event attracted over 2,000 global aviation professionals from more than 35 States/Administrations and regions. Among them were top leaders and experts from civil aviation authorities, air navigation service providers, airport operators, the aviation industry, as well as young aviation professionals.

1.3 The Final Report of APICS 2023 in **Appendix A** of this paper provides comprehensive details about the Symposium including the significant events, activities and consolidated outcomes.

**2. DISCUSSION**

2.1 With the theme “*Uniting the Strength of Innovation for Building a Seamless Sky*”, APICS 2023 hosted keynote speeches and panel discussions from experts on innovation and capacity

building, with global leading industry partners assembling and showcasing their latest innovative solutions and capabilities via exhibitions, demonstrations and talks.

Memorandum of Understanding / Collaborative Agreement Exchange Ceremony

2.2 Featuring strategic collaboration and promoting cooperation in civil aviation industry, more than 25 organizations and institutes exchanged a total of 18 documents including memorandum of understanding (MoU), collaborative agreements (CA), and contracts, which marked a formal understanding of participating organizations' shared objectives to collaborate on specific initiatives.

Keynote speeches

2.3 The keynote speeches delivered by Director-General of Civil Aviation of Hong Kong, China, Mr. Victor Liu Chi-yung, and Regional Director of ICAO Asia and Pacific Regional Office, Mr. Tao Ma, analysed the current challenges faced by the region and emphasized the benefit of a Seamless Sky for civil aviation, aligning with the ICAO's initiative in assisting members in implementing ICAO Standards and Recommended Practices. In the keynote speeches, the excellent opportunities for new ideas promotion and collaboration presented by this Symposium were highlighted.

Expert Panels

2.4 The industry heavy-weighted professionals and leaders gathered in the three expert panels on topics "*Innovation in Sky - Air Navigation Service*", "*Innovation on Ground – Airport Operations*" and "*Capacity Building for Civil Aviation Workforce*" to share their insights and experiences related to innovation and capacity building providing insights, knowledge and practical strategies contributory to the industry development.

Business Engagement Talks

2.5 A series of thought-provoking business engagement talks were delivered by leading industry suppliers on the latest innovative technologies for civil aviation, which not only gathered industry professionals and provided valuable industry-specific insights but also offered excellent opportunities for networking and collaboration, facilitating interactions among attendees, industry professionals and potential partners who shared similar interests and aspirations.

Exhibition

2.6 The exhibition featured a diverse variety of cutting-edge technologies, products and innovative solutions showcased by some 60 globally renowned exhibitors in the civil aviation sector, including technology solution providers, systems suppliers, systems integrators, as well as research and academic institutions from Mainland China, local and overseas, serving as a platform for networking, knowledge exchange, and collaboration across the APAC region. The dynamic and interactive environment facilitated the establishment of potential collaborations and strengthened partnerships for driving innovation and capability building.

Conclusion

2.7 With APICS 2023 being successfully concluded after two fruitful days, participants, exhibitors and speakers were highly satisfied with the event outcomes. In particular, exhibitors have expressed that the event had far exceeded their expectation with abundant opportunities for collaborations and business matching.

2.8 On behalf of the Organizing Committee, Hong Kong, China would like to express sincere appreciation for the active participation and strong support from ICAO APAC Regional Office, exhibitors, sponsors and general participants who contributed to the great success of the Symposium on promoting innovation and capacity building in civil aviation industry for building a Seamless Sky. The constructive outcomes and key takeaways from the Symposium were consolidated and compiled into the Final Report of APICS 2023 in the **Appendix A** of this paper.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) recognize the significant efforts by China and Hong Kong, China in successfully organizing the APICS 2023 to promote innovation and capacity building for building a Seamless Sky;
- b) note the final report of the APICS 2023 given in **Appendix A**;
- c) encourage States/Administrations to continue supporting relevant events for promoting innovation and capacity building for building a Seamless Sky; and
- d) discuss any relevant matter as appropriate.

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Asia Pacific Region Innovation &  
Capacity Building Symposium 2023

**FINAL REPORT**

**OF**

**ASIA PACIFIC REGION INNOVATION & CAPACITY BUILDING SYMPOSIUM 2023**

14 – 15 December 2023

Published by Civil Aviation Department of Hong Kong, China

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## 1 Introduction

1.1 The Asia Pacific Region Innovation & Capacity Building Symposium 2023 (APICS 2023) was successfully held *from 14 to 15 December 2023* at the AsiaWorld-Expo, Hong Kong China, which was jointly organized by the Civil Aviation Administration of China (CAAC), the Hong Kong Civil Aviation Department (HKCAD), and the Hong Kong International Aviation Academy (HKIAA), with support from the International Civil Aviation Organization (ICAO) Asia and Pacific (APAC) Regional Office and the Airport Authority Hong Kong (AAHK). Under the theme “*Uniting the Strength of Innovation for Building a Seamless Sky*”, the APICS 2023 brought together aviation leaders, decision-makers and senior professionals from Civil Aviation Authorities, Air Navigation Service Providers, Airport Operators and leading Systems/Solutions Integrators in the Asia Pacific Region and beyond in search for innovative solutions to further enhance air navigation and airport operations.

## 2 Opening of Symposium

2.1 In the welcome speech, Deputy Financial Secretary of Hong Kong Special Administration Region Government (HKSARG) Mr. Michael Wong Wai-lun, expressed his excitement about attending this prominent event. He mentioned that the theme of the Symposium is a timely and relevant focus for the aviation industry, particularly in the post-pandemic era. He highlighted the collaboration between AAHK and HKCAD in the implementation of various smart digital initiatives at Hong Kong International Airport (HKIA) to enhance its efficiency and provide a unique experience to passengers. He also expressed sincere gratitude to the co-organizers, sponsors, and supporting organizations for putting together this Symposium event, and wished all attendees to enjoy the exhibitions as well as the fruitful panel discussions and talks.

2.2 CAAC Deputy Administrator Mr. Cui Xiaofeng called for broader and deeper collaborations among various entities to seize the opportunities presented by the rapid development of technology. He highlighted the vibrant development of technological innovation in China's civil aviation over the past decade and shared achievements in aviation safety, aircraft certification, airport operations, and air traffic management, which provided support for high-quality development and contributed to the safety and sustainable growth of Asia-Pacific and global civil aviation. To further enhance the innovation capabilities and serve the development of civil aviation in the Asia-Pacific and globally, he also offered his suggestions to strengthen comprehensive and seamless cooperation, including the upholding of openness and inclusiveness through sharing for mutual benefit in the civil aviation industry, and he wished the symposium a successful event as an inaugural platform to serve the comprehensive and seamless cooperation.

2.3 AAHK Chairman Mr. Jack So Chak-kwong pledged to maintain leadership positions of HKIA through various expansion and improvement projects, including the Three-Runway System, SkyCity and Premium Logistics Centre. He emphasized the two National strategies, viz. the *National 14<sup>th</sup> Five-Year Plan* of China, and the *Silk Road by Air* plan in the Belt and Road Summit in Beijing, China held in October 2023, positioning HKIA as an international aviation hub. He further elaborated on the ongoing projects and expansion plans at the airport, which consists of five concentrated circles centred by the Three Runway System project. He acknowledged the dedication of the airport staff in supporting anti-pandemic measures while simultaneously working on expanding and enhancing the airport and concluded his speech by expressing his wishes for the symposium's success.

## 3 Attendance

3.1 The Symposium drew an active participation of over 2,000 global aviation leaders, decision-makers and senior professionals from Civil Aviation Authorities, Air Navigation Service Providers, Airport Operators and leading Systems/Solutions Integrators from more than 35 States/Administrations and regions, which includes approximately 60 globally renowned exhibitors.

#### **4 Organization, Working Arrangements and Language**

4.1 The symposium was co-hosted by CAAC, HKCAD, and HKIAA, with the support from ICAO APAC Regional Office and AAHK. A detailed programme of the Symposium is provided in **Attachment 1** to the Report.

4.2 The speeches and presentations at the symposium were delivered in English or Chinese, with simultaneous interpretation services available in both languages, while the main working language of exhibitions was primarily English.

#### **5 Memorandum of Understanding / Collaborative Agreement Exchange Ceremony**

5.1 Featuring strategic collaboration and promoting cooperation in civil aviation industry, more than 25 organizations and institutes exchanged a total of 18 documents including memorandum of understanding (MoU), collaborative agreements (CA), and contracts under the witness of Mr. Michael WONG Wai-lun, GBS, JP, Deputy Financial Secretary of the HKSAR Government and Mr. CUI Xiaofeng, Deputy Administrator of Civil Aviation Administration of China. The exchange ceremony marked a formal understanding of participating organizations' shared objectives to collaborate on specific initiatives. The exchange of documents solidified the commitment of the parties involved to foster collaboration, share resources and work towards common goals in the aviation field. A list of MoU / CA / Contract exchanged in the Symposium is provided in **Attachment 2** to the Report.

#### **6 Keynote Speeches**

6.1 Director-General of Civil Aviation, Mr. Victor Liu Chi-yung, in his keynote speech, encouraged participants to take full advantage of the event to strengthen collaborations, emphasizing the significance of global collaboration and innovation in building a "Seamless Sky" for civil aviation, aligning with the ICAO's initiative in assisting members in implementing ICAO Standards and Recommended Practices. He expressed that the symposium would present a unique opportunity to promote, familiarize with, and explore the applications of these technologies through the exhibition, expert panels and business talks. He also highlighted tours arranged during the symposium to visit the ARJ21 and C919 aircraft developed by the Commercial Aircraft Corporation of China (COMAC), which represent significant milestones for the Chinese aircraft manufacturing industry, showcasing advancements in Chinese aircraft manufacturing. Lastly, he extended gratitude to partner organizers, all the guest speakers, moderators, sponsors, exhibitors and participants, who have contributed time and effort to ensure the success of this symposium in shaping the future of aviation and driving innovation in our industry and wished the symposium to be a catalyst for new ideas, collaborations, and breakthroughs.

6.2 Regional Director of ICAO Asia and Pacific Regional Office, Mr. Tao Ma, extended a warm welcome to all participants and expressed his thanks to the event organizers. He acknowledged the extraordinary power of innovation in the realm of aviation and highlighted the ICAO's efforts in facilitating "Innovation in Aviation" through various means, such as Assembly Resolution A40-27, conferences, webinars, symposia, technical panels, and strategic partnerships. He analysed the current challenges in this complex and multifaceted region, and emphasized the benefits of a Seamless Sky. He believed that this symposium would be an excellent opportunity for the aviation community, to learn about innovative practices in aviation, explore how new technologies can support a sustainable civil aviation system, and understand the importance of capacity building and the pivotal role that collaboration plays in driving innovation. He encouraged the attendees to actively engage, share experiences, and improve their understanding of innovation during this symposium.

## **7 Expert Panels**

7.1 There were three expert panels on topics “*Innovation in Sky - Air Navigation Service*”, “*Innovation on Ground – Airport Operations*” and “*Capacity Building for Civil Aviation Workforce*”, where the industry professionals and leaders gathered on the stage to share their insights and experiences related to innovation and capacity building providing insights, knowledge and practical strategies that can contribute to the industry development.

7.2 The expert panels were fully supported by ICAO Asia and Pacific Regional Office, and each expert panel was facilitated by a moderator who held a key position in the Office, ensuring that the discussions were comprehensive and of high value to the Symposium participants. With their wealth of knowledge, expertise and extensive experiences in the aviation field, they contributed to delivering a thought-provoking and insightful discussion and overall success in fostering an intellectually inspiring environment for all participants.

### **Expert Panel 1 - Innovation in Sky - Air Navigation Service**

7.3 Moderated by Mr. Tao Ma, Regional Director of ICAO Asia and Pacific Regional Office, this panel focused on the exploration of innovative approaches and technologies to enhance air navigation services. The panel brought together industry leaders and policy makers to share insights on how to leverage innovative solutions to improve air navigation, especially addressing the challenges of fragmentation and formulating strategies for regional innovation with the goal of creating a seamless sky.

7.4 Ms. Sharon Cooke, Chief Executive Officer of Airways International Ltd. (Airways), deliberated on how Airways cultivated an environment that nurtures innovation and provided insights into the innovations and technologies that Airways was pursuing and developing at the time being. She emphasized the importance of fostering an environment where employees are empowered to think creatively, take risks and contribute innovative ideas.

7.5 Mr. Han Kok-juan, Director-General of Civil Aviation Authority of Singapore, offered his insights on collaborative efforts between CAAs and ANSPs in developing, modernizing and expanding high-quality aviation infrastructures to facilitate more efficient air navigation services to meet the projected air traffic growth in the APAC region following the COVID-19 pandemic.

7.6 Dr. Xie Xingquan, Regional Vice President & Beijing Office Chief Representative of IATA North Asia, provided his visionary perspective on the synergic journey towards the future aviation ecosystem which was envisaged to be integrated, connected, automated and balanced as well as insights of the challenge on the journey.

7.7 Mr. Zhu Yanbo, Chief Scientist of Aviation Data Communication Corporation of CAAC, detailed his presentation on the Air-to-Ground (A-G) connectivity solutions that support the development and implementation of trajectory-based operations (TBO) with the aim to accelerate the development and implementation of seamless air navigation services.

### **Expert Panel 2 - Innovation on Ground – Airport Operations**

7.8 This panel, moderated by Dr. Punya Shakya, Regional Officer, Aerodromes and Ground Aids of ICAO Asia and Pacific Regional Office, shed light on airport innovation to address significant challenges faced by the air operators and air navigation service providers in meeting the growing demands of air traffic due to shortages in trained personnel, delays in CNS/ATM infrastructure modernization, and limited financial resources for airport expansion, considering airport infrastructure and operational efficiency being critically important in supporting the seamless flow of air traffic on the ground and in the air.

7.9 Mr. SL Wong, Director, Technical & Administrative Affairs of ACI Asia Pacific, shared his notion on the comprehensive approach to achieve effective airport operations including cost-

effectiveness, efficiency, safety and resilience, strategies to apply innovative technologies to solve problems and improve the present situation effectively, as well as vital elements for success including collaboration, stakeholder engagement and fostering an innovative culture.

7.10 Mr. Steven Yiu Siu-chung, Executive Director, Airport Operations of AAHK, highlighted the initiative taken by AAHK to enhance efficiency, safety and environmental sustainability through integrated automation, real-time monitoring and predictive analytics. The focus on innovation and collaboration demonstrated the dedication towards establishing a future-ready, cost-effective and efficient airport management system.

7.11 Mr. Li Yu President, Secretary of the Party Committee, China Academy of Civil Aviation Science and Technology, provided a comprehensive overview of air-to-ground integration solutions for improving airport operation efficiency by identifying practical needs, introducing innovative practices and applying innovative technologies to further enhance the efficiency, where the utilization of technologies like AI and big data analysis was evident as key drivers of innovation.

7.12 Mr. Franck Le Gall, Head of Airport Operations of Groupe ADP, shared that a major event such as the Olympics would serve as a catalyst for stakeholders to convene and deliberate on strategies for enhancing operations to accommodate the substantial influx of passengers. He shed light on the importance of thorough assessment of all risks and engagement of stakeholders at an early stage to ensure the implementation of innovative operations in a manner that prioritizes safety and sustainability.

### **Expert Panel 3 - Capacity Building for Civil Aviation Workforce**

7.13 This panel, moderated by Mr. Hiroyuki Takata, Regional Officer, Air Traffic Management of ICAO Asia and Pacific Regional Office, addressed key aspects of capacity building and development of skilled and sustainable workforce in the aviation industry, especially the challenges posed by the COVID-19 pandemic and its impact on the aviation workforce. The significance of fostering a culture of innovation within the industry for continued growth and success was highlighted.

7.14 Mr. Nicolas Cazalis, Vice President of ENAC, the French National Civil Aviation University, provided an insightful presentation on global challenges of capacity limitations and staff shortages faced by the aviation industry and shared the strategies to attract top talent. He delved into the details of the digital revolution and how to foster innovation while upholding safety. He also touched upon ENAC's commitment to promoting gender equality.

7.15 Prof. Ding Shuiting, President of Civil Aviation University of China, provided an informative presentation on talent-centered approach, explaining the challenges in various areas faced, such as technical, educational and basic research facilities and terms of faculty, and emphasizing the role of universities in fostering innovation by highlighting an integrated cultivation platform to promote integration of education, science, technology and talent.

7.16 Mr. Simon Li Tin-chui, President of HKIAA, provided his valuable insights and deliberated on holistic strategies to attract talented professionals and youth to the aviation industry including school programs and internship programs. He highlighted the importance of leveraging social media platforms to raise awareness and engage with the younger generation. He specifically mentioned the effort made by HKIAA in providing ATC training and pilot training to sustain the growing demand of the industry.

## **8 Business Engagement Talks**

8.1 In addition to the exhibition and expert panels, a series of thought-provoking business engagement talks were delivered by leading industry suppliers on the latest innovative technologies for civil aviation, which not only gathered industry professionals and provided valuable industry-specific insights but also offered excellent opportunities for networking and collaboration, facilitating interactions among attendees, industry professionals and potential partners who share similar interests and aspirations.

8.2 The list of topics for business engagement talks covered during the two-day symposium is provided as follows:

No.	Topic	Speaker
1.	TBO/SWIM	Mr. Warren BEESTON ATM Operational Specialist of Thales
2.	Leveraging TBO Through Regional SWIM Services	Mr. Ulrich KAAGE SWIM Solution Consultant of Frequentis
3.	Driving Forces for the Future Development of Civil Aviation Industry	Mr. ZHENG Hongfeng, Founder and CEO of VariFlight, Innovative Technology
4.	Innovative Technology: Bringing AVSEC the Future of Quality and Efficiency	Ms. Daisy DAI Vice President of Smart Inspection Division of NUCTECH Company Limited
5.	Airbus Decarbonization Roadmap	Dr. Cyrille SCHWOB Head of Research and Technology in Asia Pacific of Airbus
6.	Transforming Troubleshooting: Insights from Building an AI Assistant on Private Large Language Models - Experience Sharing	Mr. LEE Chun-ming Senior Vice President of Lenovo PCCW Solutions
7.	Intelligence Accelerated - 5.5G Accelerate Intelligence in Aviation	Mr. Andy BIEN Chief Digital Officer of Global Aviation of Huawei Technologies,
8.	The Drive To Fly	Mr. Jim DUKHOVNY CEO and Co-founder of Alef
9.	Airside 4.0 Innovation - Towards an Interconnected and Truly Intelligent Airside	Mr. Thorben BURGHARDT Chief Technology Officer and Executive Vice President of ADB SAFEGATE
10.	Key Technologies and Applications for Collaborative Dispatching and Control of Intelligent Networking Special Vehicles in Less Manned Apron Area	Dr. DING Yanchao Senior Engineer of Jiangsu Tianyi Aviation Industry Co., Ltd.

## 9 Exhibitions

9.1 The exhibition featured a diverse array of cutting-edge technologies, products and innovative solutions showcased by a wide range of exhibitors from the civil aviation sector, including innovative solution providers, airport service providers, air service providers, research institutions and education institutions. The exhibition served as a platform for networking, knowledge exchange, and collaboration, allowing participants to interact with industry experts, explore new business opportunities, and gain insights into the latest trends and advancements in civil aviation operations across the APAC region. The dynamic and interactive environment facilitated the establishment of potential collaborations and strengthening partnerships for driving innovation and capability building. The list of exhibitors of the symposium is provided in **Attachment 3** to the Report.

## 10 Outcomes and Conclusions

10.1 The Symposium was successfully concluded after two productive days, achieving its intended goals by bringing together stakeholders with a shared objective of enhancing the efficiency, safety and sustainability of air navigation services and airport services and enhancing capacity building for the industry. The exhibitors, panellists and moderators, speakers, sponsors participating organisations/institutions and participants expressed a high level of satisfaction with the outcomes of the event. They found the event exceeded their expectations by providing ample opportunities for collaborations and business connections. They have conveyed their delight and appreciation of the event.

10.2 The Symposium played a crucial role in aligning efforts across the APAC region towards the efficient implementation of the ICAO APAC Seamless Air Navigation Service Plan where the stakeholders recognized the significance of a united approach to accelerate the implementation process and agreed on the importance of coordinated actions to achieve seamless air navigation service in the region.

10.3 The Symposium highlighted the unwavering commitment of participating organizations to driving innovation, pushing the boundaries of what is possible and bringing about revolutionized changes in the civil aviation industry, leading to enhanced efficiency, reduced costs, improved safety and enhanced passenger experience.

10.4 The Symposium provided an inaugural foundation for collective ongoing efforts with enhancement initiatives and collaborations that would continue beyond the Symposium, allowing for ongoing exchange of ideas, sharing of resources and joint projects focusing on improving air navigation services for building a Seamless Sky.

## **11 Note of Appreciation**

11.1 On behalf of the Organizing Committee, Hong Kong Civil Aviation Department would like to express sincere appreciation and gratitude to the supporting organizations, viz. ICAO Asia and Pacific Regional Office and AAHK, all exhibitors, panellists and moderators, speakers, sponsors and participants who contributed to the success of the Symposium on promoting innovation and capacity building in the civil aviation industry. The Symposium was greatly enriched by active participation, a wide variety of innovative technology and solution showcases thought-provoking discussions and the willingness to share experiences and best practices.

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Time	14 December 2023 (Thursday)		Venue - Hall 2
Whole Day 8:30am-7:00pm	Registration		East Concourse
9:30am-10:15am	Exhibition Zone A	<p><b>Welcome Speeches by</b></p> <p>Mr. Michael WONG Wai-lun, GBS, JP Deputy Financial Secretary of the Government of the HKSAR</p> <p>Mr. CUI Xiaofeng Deputy Administrator of Civil Aviation Administration of China</p> <p>The Honourable Jack SO Chak-kwong, GBM, GBS, JP Chairman of the Board of Airport Authority Hong Kong</p> <p><b>Opening Ceremony</b></p>	Zone B - Symposium Hall
10:15am-10:45am		MoU / CA / Contract Exchange Ceremony	Zone B - Symposium Hall
10:45am-11:15am		Coffee Break (Sponsored by Lenovo PCCW Solutions)	Zones A & B - Exhibition & Symposium Halls
11:15am-11:45am		<p><b>Keynote Speeches by</b></p> <p>Mr. MA Tao Regional Director of ICAO Asia and Pacific Office</p> <p>Capt. Victor LIU Chi-yung, JP Director-General of Civil Aviation of the Government of the HKSAR</p>	Zone B - Symposium Hall
11:45am-1:00pm		<p><b>Expert Panel 1: Innovation in Sky - Air Navigation Service</b></p> <p><b>Moderator:</b> Dr. Manjit SINGH Deputy Regional Director, ICAO Asia and Pacific Office</p> <p><b>Speakers:</b> Ms. Sharon COOKE Chief Executive Officer of Airways International Ltd.</p> <p>Mr. HAN Kok-juan Director-General of Civil Aviation Authority of Singapore</p> <p>Dr. XIE Xingquan Regional Vice President &amp; Beijing Office Chief Representative of IATA North Asia</p> <p>Mr. ZHU Yanbo Chief Scientist of Aviation Data Communication Corporation of CAAC</p>	Zone B - Symposium Hall
1:00pm-2:15pm		Lunch (Sponsored by Thales)	Zone C - Dining Hall

Time	14 December 2023 (Thursday)		Venue - Hall 2
2:15pm-3:30pm	<b>Exhibition Zone A</b>	<p><b>Expert Panel 2: Innovation on Ground – Airport Operations</b></p> <p><b>Moderator:</b> Dr. Punya SHAKYA Regional Officer, Aerodromes and Ground Aids of ICAO Asia and Pacific Office</p> <p><b>Speakers:</b> Mr. Franck LE GALL Head of Airport Operations of Grope ADP</p> <p>Mr. Li Yu President, Secretary of the Party Committee, China Academy of Civil Aviation Science and Technology</p> <p>Mr. SL WONG Director, Technical &amp; Administrative Affairs of ACI Asia Pacific</p> <p>Mr. Steven YIU Siu-chung Executive Director, Airport Operations of Airport Authority Hong Kong</p>	<b>Zone B - Symposium Hall</b>
3:30pm-4:00pm		<p><b>Coffee Break (Sponsored by Chiu Cheung Company Limited)</b></p> <p><b>Business Engagement Talk by Thales</b> Topic: TBO/SWIM Speaker: Mr. Warren BEESTON, ATM Operational Specialist of Thales</p>	<b>Zone B - Symposium Hall</b>
4:00pm-4:30pm		<p><b>Business Engagement Talk by Frequentis</b> Topic: Leveraging TBO Through Regional SWIM Services Speaker: Mr. Ulrich KAAGE, SWIM Solution Consultant of Frequentis</p>	<b>Zone B - Symposium Hall</b>
4:30pm-5:00pm		<p><b>Business Engagement Talk by VariFlight</b> Topic: Driving Forces for the Future Development of Civil Aviation Industry Speaker: Mr. ZHENG Hongfeng, Founder and CEO of VariFlight</p>	<b>Zone B - Symposium Hall</b>
5:00pm-5:30pm		<p><b>Business Engagement Talk by NUCTECH Company Limited</b> Topic: Innovative Technology: Bringing AVSEC the Future of Quality and Efficiency Speaker: Ms. Daisy DAI, Vice President of Smart Inspection Division of NUCTECH Company Limited</p>	<b>Zone B - Symposium Hall</b>
5:30pm-6:00pm	<b>Pre-dinner Welcome Reception</b>		<b>Zone C - Dining Hall</b>
6:00pm-8:30pm	<p><b>Gala Dinner (by guest invitation / exhibitor payment only)</b> (Sponsored By ADB SAFEGATE, Chinney Alliance Engineering Limited, Frequentis, HUAWEI)</p>		<b>Zone C - Dining Hall</b>

Time	15 December 2023 (Friday)		Venue - Hall 2
Whole Day 8:30am-5:00pm	Registration		East Concourse
9:30am-10:00am	Morning Refreshment (Sponsored by Glarun Technology Co., Ltd)		Zones A & B - Exhibition & Symposium Halls
10:00am-11:00am	Exhibition Zone A	<b>Expert Panel 3: Capacity Building for Civil Aviation Workforce</b>  <b>Moderator:</b> Mr. Hiroyuki TAKATA Regional Officer, ATM of ICAO Asia and Pacific Office  <b>Speakers:</b> Mr. Nicolas CAZALIS Vice President of ENAC, the French National Civil Aviation University  Prof. DING Shuiting President of Civil Aviation University of China  Mr. Simon LI Tin-chui President of the Hong Kong International Aviation Academy	Zone B - Symposium Hall
11:00am-11:30am		<b>Business Engagement Talk by Airbus</b>  Topic: Airbus Decarbonization Roadmap Speaker: Dr. Cyrille SCHWOB, Head of Research and Technology in Asia Pacific of Airbus	Zone B - Symposium Hall
11:30am-12:00nn		<b>Business Engagement Talk by Lenovo PCCW Solutions</b>  Topic: Transforming Troubleshooting: Insights from Building an AI Assistant on Private Large Language Models - Experience Sharing Speaker: Mr. LEE Chun-ming, Senior Vice President of Lenovo PCCW Solutions	Zone B - Symposium Hall
12:00nn-12:30pm		<b>Business Engagement Talk by Huawei Technologies</b>  Topic: Intelligence Accelerated - 5.5g Accelerate Intelligence in Aviation Speaker: Mr. Andy BIEN, Chief Digital Officer of Global Aviation of Huawei Technologies	Zone B - Symposium Hall
12:30pm-2:00pm		Lunch (Sponsored by Indra)	Zone C - Dining Hall
2:00pm-2:30pm		<b>Business Engagement Talk by Alef</b>  Topic: The Drive To Fly Speaker: Mr. Jim DUKHOVNY, CEO and Co-founder of Alef	Zone B - Symposium Hall
2:30pm-3:00pm		<b>Business Engagement Talk by ADB SAFEGATE</b>  Topic: Airside 4.0 Innovation - Towards an Interconnected and Truly Intelligent Airside Speaker: Mr. Thorben BURGHARDT, Chief Technology Officer and Executive Vice President of ADB SAFEGATE	Zone B - Symposium Hall
3:00pm-3:30pm		Coffee Break (Sponsored by Golden Wealth Technology Limited)	Zones A & B - Exhibition & Symposium Halls
3:30pm-4:00pm		<b>Business Engagement Talk by Jiangsu Tianyi Aviation Industry Co., Ltd.</b>  Topic: Key Technologies and Applications for Collaborative Dispatching and Control of Intelligent Networking Special Vehicles in Less Manned Apron Area Speaker: Dr. DING Yanchao, Senior Engineer of Jiangsu Tianyi Aviation Industry Co., Ltd.	Zone B - Symposium Hall
4:00pm-5:00pm	Exhibition		Zone A - Exhibition Hall

2023 亚太地区创新科技及能力提升展览会 合作备忘录 / 合作意向书 / 协议 / 合同 交换成果		
活动计划	交换人	见证人
第一类, 深化内地与香港的战略合作 Strengthening Strategic Collaboration between Mainland China and Hong Kong		黄伟纶/财政司副司长 崔晓峰/中國民航局副局长
(1) 香港特别行政区政府民航处与中国民航科学技术研究院关于加强民航科学技术合作意向书。	CAD: 廖志勇/處長 CAAC:李郁/院長	
(2) 国际合作服务中心与香港国际航空学院交换助力“一带一路”国家民航专业人员能力提升合作备忘录。	国际合作服务中心:孟庆芬/主任 香港国际航空学院: 李天柱/校长	
第二类, 加强民航业人才培养合作 Enhancing Cooperation in Capacity Building in Civil Aviation Industry		
(1) The French National Civil Aviation University (ENAC) 与香港国际航空学院合作备忘录	Mr. Nicolas CAZALIS, Vice President of ENAC 香港国际航空学院: 李天柱/校长	
(2) 香港国际航空学院与飞行学院合作培养飞行员的备忘录	香港国际航空学院: 李天柱/校长 飞行学院:关立欣/院长	
(3) 飞行学院与国泰航空合作备忘录	飞行学院:关立欣/院长 国泰航空:林绍波/行政总裁	
(4) 国泰航空与民航大学合作备忘录	国泰航空:林绍波/行政总裁 民航大学: 丁水汀/校长	
第三类, 加强民航科创产品合作 Enhancing Cooperation in Civil Aviation Innovative Products		
(1) 上海华模科技与法国企业SIMAERO公司交换两台A320全动模拟机采购合同。	华模科技:纪广平/总经理  法国SIMAERO:Nicolas MOUTE /CEO	
(2) 航科院（北京）科技发展有限公司与日本电气香港公司战略合作协议，共同开拓中国大陆、香港及海外地区市场。	航科院（北京）科技公司: 史亚杰/总经理  日本电气香港: 符祥達（Brian Foo）/总经理	
(3) 中电科南京莱斯信息技术股份有限公司与香港建联工程设备有限公司战略合作协议。	莱斯信息: 严勇杰/党委书记、总经理  建联工程: 王国强/董事总经理	
(4) 香港建联工程设备有限公司与中航材导航技术（北京）有限公司交换战略合作意向协议书。	建联工程: 王国强/董事总经理  中航材导航: 宋柯/总工程师	
(5) 国际合作服务中心与同方威视技术股份有限公司交换助力国产安保产品和方案走向“一带一路”国家合作备忘录。	国际合作服务中心:孟庆芬/主任  同方威视: 陈志强/董事长	
(6) 同方威视与泰国METTHIER COMPANY LIMITED之间关于威视安检设备、安防平台、巡逻机器人的试用协议	同方威视: 陈志强/董事长  泰国METTHIER: Mr. Kayon Tantichatiwat/Chief Executive Officer	
(7) 马来西亚HEE Services Sdn. Bhd与江苏天一航空工业股份有限公司交换《2024年度民航GSE设备合作意向书》。	HEE Services Sdn. Bhd: Jave hool（许振阳）/经理  江苏天一:单萍/总经理	
(8) 江苏天一航空工业股份有限公司、中国东方航空设备集成有限公司与德国罗地格自动化科技有限公司交换货运处理系统工艺设备采购合同。	江苏天一:单萍/总经理  东航设备公司: 童孝勇/总经理  德国罗地格公司: Hendryk Wagner/APAC Project Director	
(9) 香港货站和Aerovision合作协议。	HACTL: 邝永铨/行政总裁  Aerovision: 张谦华/ 行政总裁	
(10) 电讯盈科环球企业方案与澳门国际机场CRV合约。	PCCW: 徐家輝/联席首席执行官  Macau:耿亚军/机场营运部总监	
(11) FUTONG TECHNOLOGY PTE. LTD. 与北京理工雷科电子信息技术有限公司交换民航产品在东南亚市场合作协议书。	FUTONG :张澄宇/副总经理  理工雷科: 刘峰/董事长	
(12) 北京理工雷科电子信息技术有限公司与 CIPC GROUP LTD. 交换理工雷科民航产品在中亚市场合作协议书。	理工雷科: 刘峰/董事长  CIPC:Vadim Levitskiy/ President	



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**Beihang University**

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**Beijing Civil Aviation Design and  
Research Institute Of China Design  
Group**

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**Beijing EDN Flight Sciences Co., Ltd.**

Company Info



**Beijing Institute of Technology (BIT)**

Company Info



**Beijing Jinghangan Airport Engineering Co., Limited.**

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**首都机场集团有限公司**  
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**Capital Airports Holdings Co.,Ltd.**

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**China Academy of Civil Aviation Science and Technology**

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中航材导航技术（北京）有限公司  
CHINA AVIATION NAVIGATION DATA (BEIJING) CO., LTD

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中国航油 CNAF

**China National Aviation Fuel  
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上海华模科技有限公司  
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**China Simulation Sciences Co., Ltd**

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中國民用航空飛行學院  
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**中国民用航空局国际合作服务中心**  
International Cooperation and Service Center, CAAC

**International Cooperation and Service  
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**Jiangsu Tianyi Aviation Industry Co., Ltd.**

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