

AviAsian **2021** Conference

August 26 - 27, 2021
Singapore Aviation Academy

Join us online or in person

EMBRY-RIDDLE
Aeronautical University

CAAS
Civil Aviation Authority of Singapore



Day 1: Thursday, August 26, 2021

All times listed are Singapore Time (UTC +8)

0815 – 0900 Registration & Coffee

0900 – 0930 Session 1: Opening Remarks & Keynote Address

1. **Ms. Liu Meifeng Charmaine**, Director, Singapore Aviation Academy
Welcome and Conference Opening
2. **Mr. Vinoop Goel**, Regional Director, Members & External Relations, Intl. Air Transport Association
Keynote Address

0930 – 1030 Session 2: Airlines & Airports Emerging from COVID-19

1. **Capt. Gopala Subramaniam**, Deputy Chief Pilot A330/A350 Fleet, Singapore International Airlines
[*Back to the SKIES!*](#)
2. **Mr. Darius Wee**, Senior Manager, Airport Operations Management, Changi Airport Group
[*Restarting Airports Safely*](#)
3. **Mr. Vinoop Goel**, Regional Director, Members & External Relations, Intl. Air Transport Association
[*IATA Travel Pass for border reopening*](#)
4. **Dr. Rajee Olaganathan**, Adjunct Faculty, College of Aeronautics, ERAU
[*Big Data Utilization for Reopening Airlines*](#)

1030 – 1100 Coffee Break

1100 – 1200 Panel Discussion: Resuming Travel - More Tech or More Safety Measures?

1. **Ms. Kim Chua** (Moderator), Instructor, College of Arts & Sciences, ERAU
2. **Capt. Gopala Subramaniam**, Deputy Chief Pilot A330/A350 Fleet, Singapore International Airlines
3. **Mr. Michael Parsons**, Global Industry Executive Travel & Transport, IBM
4. **Mr. Fred Stein**, Representative, Transportation Security Administration
5. **Dr. Rajee Olaganathan**, Adjunct Faculty, College of Aeronautics, ERAU
6. **Mr. Darius Wee**, Senior Manager, Airport Operations Management, Changi Airport Group

1200 – 1300 Lunch

1300 – 1345 Session 3: 3D Printing of Aircraft Parts

1. **Prof. Chua Chee Kai**, Head of Pillar for Engineering Product Development, SUTD
[*Additive Manufacturing \(aka 3D Printing\) for Aerospace/Aviation*](#)
2. **Dr. Koh Pak Keng**, Director, ECK Pte Ltd
[*Application of Cold Spray Technology in Aviation Industry*](#)

1345 – 1430 Industry Spotlight: Creating Virtual Reality Training Applications for the Aviation Sector

1. **Mr. Khoo Beng Keat**, Executive Director, Aviation Virtual
[*Virtual Reality to serve Aviation in Training*](#)

1430 – 1500 Coffee Break

1500 – 1600 Session 4: Aviation Security & Disruptive Passengers

1. **Dr. Jae Woon (June) Lee**, Assistant Professor, Faculty of Law, Chinese University of Hong Kong
[*The Montreal Protocol of 2014 dealing with disruptive passengers*](#)
2. **Mr. Fred Stein**, Representative, Transportation Security Administration
[*TSA – Disruptive Individuals at the Checkpoint*](#)
3. **Mr. Bernard Lim**, Senior Director, International Relations and Security, Ministry of Transport
Aviation Security and COVID-19
4. **Mr. Brian Kinane**, Manager Security Training, Emirates
Disruptive Behaviour

1600 – 1700 Panel Discussion: Potential Disruptions Arising from Covid-19 Regulations

1. **Dr. Somi Shin** (Moderator), Assistant Professor, ERAU
2. **Dr. Jae Woon (June) Lee**, Assistant Professor, Faculty of Law, Chinese University of Hong Kong
3. **Mr. Fred Stein**, Representative, Transportation Security Administration
4. **Mr. Bernard Lim**, Senior Director, International Relations and Security, Ministry of Transport
5. **Mr. Eric Sarandrea**, Asia-Pacific Regional Director, International Operations, TSA
6. **Mr. Brian Kinane**, Manager Security Training, Emirates

1700 – 1705 Closing Remarks for Day 1

1. **Dr. Jack Patel**, Academic Officer & Assistant Professor, ERAU

Day 2: Friday, August 27, 2021

All times listed are Singapore Time (UTC +8)

0815 – 0900 Registration & Coffee

0900 – 0905 Opening Remarks for Day 2

1. **Mr. Matthew Flaherty**, Vice Chancellor & Head of Asia, ERAU

0905 – 1005 Session 5: Looking Beyond COVID-19

1. **Mr. Kelvin Lee**, Assistant Director, Member & External Relations (Asia Pacific), IATA
[Future of Aviation – Beyond COVID or With COVID?](#)
2. **Mr. Gary Renfrow**, Assistant Administrator for International Operations, TSA
[TSA's COVID 19 Checkpoint Screening Adjustments](#)
3. **Mr. Michael Watkins**, Senior Air Traffic Representative Asia-Pacific, FAA
[Looking Beyond COVID-19](#)
4. **Capt. Jeffrey Ang**, Counselor, Pilots Advisory Group
[Pilot's Mental Health – The Need for Better Attention in Aviation Industry](#)

1005 – 1100 Panel Discussion: Emerging Priorities for Aviation After COVID-19

1. **Mr. Ignatius Chan** (Moderator), Instructor, College of Business, ERAU
2. **Mr. Kelvin Lee**, Assistant Director, Member & External Relations (Asia Pacific), IATA
3. **Mr. Gary Renfrow**, Assistant Administrator for International Operations, TSA
4. **Mr. Michael Watkins**, Senior Air Traffic Representative Asia-Pacific, FAA
5. **Capt. Jeffrey Ang**, Counselor, Pilots Advisory Group

1100 – 1130 Coffee Break

1130 - 1215 Session 6: Green Aviation

1. **Dr. Jae Woon (June) Lee**, Assistant Professor, Faculty of Law, Chinese University of Hong Kong
[Airline industry's sustainability for climate change](#)
2. **Dr. Rajee Olaganathan**, Adjunct Faculty, College of Aeronautics, ERAU
[Clean Skies for NextGen Using SAF – Technologies, Opportunities, and Challenges](#)
3. **Mr. Tan Kah Han**, Senior Director (Unmanned Systems Group), CAAS
[ICAO's Aviation Sustainability Efforts](#)

1215 – 1300 Panel Discussion: Sustainability in a Pandemic- Impact of COVID on Green Aviation Initiatives

1. **Ms. Kim Chua** (Moderator), Instructor, College of Arts & Sciences, ERAU
2. **Dr. Jae Woon (June) Lee**, Assistant Professor, Faculty of Law, Chinese University of Hong Kong
3. **Dr. Rajee Olaganathan**, Adjunct Faculty, College of Aeronautics, ERAU
4. **Mr. Tan Kah Han**, Senior Director (Unmanned Systems Group), CAAS

1300 – 1400 Lunch

1400 – 1500 Session 7: Big Data, Innovation & Blockchain Technology

1. **Mr. Michael Parsons**, Global Industry Executive Travel & Transport, IBM
[*Technician of the Future*](#)
2. **Mr. Shiva Venkatraman**, Chairman & CEO, Varidus
[*Innovation in Airports*](#)
3. **Dr. Albert Tan**, Director, Shanghai Jiao Tong Uni., APAC Grad. Inst. & Assoc. Researcher at MIT CTL
[*Use of Blockchain for MRO tacking*](#)
4. **Mr. Chua Ching Hock**, Associate General Manager, Departure Experience, Changi Airport Group
[*Contactless Technology at Changi Airport*](#)

1500 – 1530 Coffee Break

1530 – 1630 Panel Discussion: Efficiency, Security and Quality Issues Surrounding Digitization

1. **Dr. Somi Shin** (Moderator), Assistant Professor, ERAU
2. **Mr. Michael Parsons**, Global Industry Executive Travel & Transport, IBM
3. **Mr. Shiva Venkatraman**, Chairman & CEO, Varidus
4. **Dr. Albert Tan**, Director, Shanghai Jiao Tong Uni., APAC Grad. Inst. & Assoc. Researcher at MIT CTL
5. **Mr. Chua Ching Hock**, Associate General Manager, Departure Experience, Changi Airport Group

1630 – 1635 Closing Remarks for Day 2

1. **Dr. Jack Patel**, Academic Officer & Assistant Professor, ERAU