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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200 – 1300</td>
<td>Lunch</td>
</tr>
<tr>
<td>1300 – 1345</td>
<td><strong>Session 3: 3D Printing of Aircraft Parts</strong></td>
</tr>
</tbody>
</table>
|          | 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
   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 tracking*

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