

**Workshop on Aviation After a Year of Pandemic – Economic, People, & Technology**  
**Agenda**  
As of June 28, 2021

**June 28, 2021**

**Session 1 (noon to 2pm Eastern)**

**Opening Remarks and Keynote Speeches**

- **Opening remarks: John-Paul Clarke, Workshop Chair, University of Texas at Austin (1pm)**
- **Keynotes:** Sequence of events and lessons learned from COVID Pandemic: Past, Present, and Future
  - Medical and Public Health Perspective (12:10PM Eastern: 35 min presentation; 20 min discussion)  
Carlos del Rio, Emory University School of Medicine
  - Aviation Industry Perspective (1:05PM Eastern: 35 min presentation; 20 min discussion))  
Kevin Michaels, Aerodynamic Advisory

**2pm Break**

**Session 2 (2:30pm to 4:30pm Eastern)**

**Panel on Policy and Procedures (Government, Airlines, Airports, etc.)**

**Summary question:**

What are the top three policy changes that should be implemented to expedite a return to safe yet unrestricted travel, and minimize the impact of future pandemics? Potential policy changes might include the following:

- Who do you allow on airplanes? Who decides and on what basis? What technology is needed to help make these decisions?
- What changes in aircraft certification are needed?
- What changes in seating configuration are appropriate?
- Should health passports be required? Recommended?
- How can international harmonization be achieved for policies related to the above?
- What contact tracing policies should be implemented?
- How can privacy concerns be addressed?
- What procedures are needed for passenger embarkation and terminal processing?
- Do we need new policies for uncooperative passengers?

**Moderator: Vicki Hertzberg, Emory University**

**Panelists (Opening remarks up to 15 minutes by each panelist, followed by Q&A)**

- Marty Cetron, CDC, Director, Division of Global Quarantine and Migration
  - Arjun Garg, Hogan Lovells, Partner
  - Lauren Beyer, Airlines for America (A4A), Vice President, Security and Facilitation
  - Steve Mayers, Airport Director, Customer Experience, Hartsfield-Jackson Atlanta Int'l Airport
-

**June 29**

**Session 3 (noon to 2pm Eastern)**

**Panel on Aircraft Design and Flight Operations, Personnel, and Performance**

**Summary question:**

What are the top three ways in which aircraft design and flight operations, personnel, and performance should change in response to passenger perceptions of the risks associated with domestic and international air travel for the current and future pandemics? Potential issues might include the following:

- How could the design of future aircraft reduce the risk of disease transmission? What new requirements might have to be met for aircraft design?
- Are there differences in the problems that are faced by, and the solutions for regional carriers, long-haul domestic aircraft, and international aircraft? What is the right size for future aircraft given pandemic concerns?
- What changes should be made in interactions among and between passengers and air crew? What new training requirements are appropriate?

**Moderator: Valerie Manning, Airbus**

**Panelists (Opening remarks up to 15 minutes by each panelist, followed by Q&A)**

- Wolfgang Wohlers, Airbus, VP Engineering & Maintenance
  - Howie Weiss, Penn State, Professor of Biology
  - Bob Fox, United Airlines and First Vice President, Air Line Pilots Association
- 
- 

**2pm Break**

---

---

**Session 4 (2:30pm to 4:30pm Eastern)**

**Panel on Operations, Performance, and Personnel:**

**Airports, Ground Transportation, and Air Traffic Management**

**Summary question:**

What are the top three ways in which the operations, personnel, and performance of airports, ground transportation systems, and air traffic management should change in response to passenger needs, airline operations, policy changes during the current and future pandemics? Potential issues might include the following:

- How could the design of airports and ground transportation systems be modified to reduce the risk of disease transmission? What new requirements might have to be met for airport and ground transportation system design?
- How can airport and ground transportation processes be made more efficient and flexible to allow for quick pivots in response to future pandemics?
- What changes should be made in interactions among and between passengers and airport and ground transportation personnel? What new training requirements are appropriate?
- How do we assure continuity of ATM services during pandemics?

**Moderator: Andy Lacher, Noblis, Inc.**

**Panelists** (Opening remarks up to 15 minutes by each panelist, followed by Q&A)

- Jeffrey Brown, Port of Seattle, Aviation Chief Operating Officer
  - Ashok Srinivasan, Professor of Computer Science, University of West Florida
  - Vygaudas Usackas, Avia Solutions Group, Member of the Board of Directors
- 

**June 30**

**Session 5 (noon to 2pm Eastern)**

**Panel on Aviation Economics**

**Summary question:**

How has the economics of the aviation industry been affected by the current pandemic and what should be done to mitigate these impacts and assure the long-term economic viability? Potential issues might include the following:

- How has the pandemic impacted the economics of the aviation industry:
  - original equipment manufacturers,
  - supply chains,
  - airlines,
  - airports,
  - air traffic control, and
  - relevant aviation support facilities during and after the pandemic.
- How lasting will these effects be?
- Has the current pandemic catalyzed fundamental changes to the aviation industry, or highlighted changes that are needed to better respond to future pandemics?

**Moderator: Parimal "PK" Kopardekar, NASA Aeronautics Research Institute**

**Panelists** (Opening remarks up to 15 minutes by each panelist, followed by Q&A)

- Brian Pearce, IATA, Chief Economist
  - Ronald Epstein, BofA Global Research, Senior Equity Analyst
  - Kate Harback, Institute of Health Economics, Associate Director of Economics
  - Joel Otto, Raytheon Technologies
- 

**2pm Break**

---

**Session 6 (2:30pm to 4:30pm Eastern)**

**Panel on Critically Needed Capabilities and Research and Next Steps**

**Summary question:**

What capabilities and research are most critically needed to help the aviation industry withstand the effects of the current and future pandemics?

**Moderator: Ilan Kroo, Stanford**

**Panelists: Moderators from sessions 2 to 5**

- Vicki Hertzberg, Session 2
- Valerie Manning, Session 3
- Andy Lacher, Session 4
- PK Kopardekar, Session 5

**Workshop closing remarks: John-Paul Clarke, Workshop Chair, University of Texas at Austin**