

ATCA GLOBAL CONFERENCE AGENDA



Follow the QR code to access the detailed agenda with speaker information and session abstracts

Monday, November 7, 2022

8:00 am – 6:30 pm

Registration Open

Sponsored by Infina



8:30 am – 6:30 pm

Exhibit Hall Open

9:00 am – 9:15 am

Welcome Remarks

Keynote Theater

9:15 am – 10:00 am

Keynote Address 1: Blurring the Lines Between Air and Space

Keynote Theater

10:10 am – 10:25 am

Smartsheet Gov: Collaboration and Innovation when Safety Is Non-Negotiable

Air Traffic Management Theater

10:10 am – 10:25 am

General Dynamics Mission Systems: Speech Signal Enhancement Through Machine Learning

Innovation and Technology Theater

10:25 am – 10:55 am

Coffee Break

Sponsored by Crown Consulting



10:55 am – 11:40 am

Roadmap for Readiness and Modernization

Keynote Theater

10:55 am – 11:40 am

Cybersecurity of a Federated Airspace – Presentation

Air Traffic Management Theater

10:55 am – 11:40 am

Executive Update on Today's New Entrant Operations in the NAS; and How NASA's New Entrant Pipeline Supports Aviation Communities

Advanced Air Mobility and UAS Integration Theater

10:55 am – 11:40 am

Opening Remarks and The Future of Space Traffic Management

Space Integration Theater

10:55 am – 11:40 am

Info-Centric NAS

Innovation and Technology Theater

11:50 am – 12:35 pm

Cyber Exercises Strengthen NAS Resiliency

Air Traffic Management Theater

11:50 am – 12:35 pm

Certifying, Codifying, and Debunking the Myths

Advanced Air Mobility and UAS Integration Theater

11:50 am – 12:35 pm

Benefits of Space: Why Do We Go To Space

Space Integration Theater

11:50 am – 12:35 pm

Leveraging Mobile Tech for Pilots

Innovation and Technology Theater

12:45 pm – 1:30 pm

Beyond 5G – Ensuring Spectrum Compatibility for the Future

Air Traffic Management Theater

12:45 pm – 1:30 pm

Cybersecurity Implications in the AAM Ecosystem

Advanced Air Mobility and UAS Integration Theater

12:45 pm – 1:30 pm

Understanding Space Launch and Re-entry Operations, International Coordination Needs and Processes

Space Integration Theater

12:45 pm – 1:30 pm

Application and Challenges of Artificial Intelligence and Machine Learning to Aviation

Innovation and Technology Theater

1:15 pm – 1:30 pm

ATCA and FABEC Joint Declaration

Keynote Theater

1:40 pm – 1:45 pm

Airspace Integration – A Global Perspective

Keynote Theater

1:40 pm – 2:25 pm

Bipartisan Infrastructure Law of 2021

Air Traffic Management Theater

1:40 pm – 2:25 pm

Innovation: How to Move from Research to Reality?

Advanced Air Mobility and UAS Integration Theater

1:40 pm – 2:25 pm

Congressional Outlook

Space Integration Theater

1:40 pm – 2:25 pm

Future-proofing Internet Access for Cloud-based Applications

Innovation and Technology Theater

2:25 pm – 2:55 pm

Ice Cream Break

Sponsored by Midwest ATC



2:55 pm – 3:10 pm

FABEC Operational and Financial Resilience: A Greek Tragedy?

Air Traffic Management Theater

2:55 pm – 3:10pm

Intersoft Electronics presents SkyRF, the drone measurement services for CNS: Taking CNS measurements to the next level

Innovation and Technology Theater

3:15 pm – 3:45 pm

Keynote Address 2: Fireside Chat with Tim Arel

Keynote Theater

4:00 pm – 5:30 pm

ATCA Membership Meeting and Reception

Air Traffic Management Theater

Sponsored by

Objective Area Solutions



5:00 pm – 6:30 pm

Welcome Reception

Sponsored by AWS



Tuesday, November 8, 2022

8:00 am – 5:00 pm

Registration Open

8:30 am – 4:30 pm

Exhibit Hall Open

9:00 am – 9:15 am

ATCA and FAA Strategic Partnership

Keynote Theater

9:15 am – 10:00 am

Keynote Address 3: FAA Acting Administrator

Keynote Theater

10:10 am – 10:25 am

Adacel: VR/MR in ATC Training & Simulation: Application and Advantages

Air Traffic Management Theater

10:10 am – 10:25 am

G&D North America, Inc.: Intelligent operating Concepts For Digital Towers – How KVM Helps Transforming ATC

Innovation and Technology Theater

10:25 am – 10:55 am

Coffee Break

Sponsored by SpaceX



10:55 am – 11:40 am

FAA Reauthorization – Industry View

Keynote Theater

10:55 am – 11:40 am

Europe and the Changing Security Environment: Defense Investments and Security Considerations

Air Traffic Management Theater

10:55 am – 11:40 am

Infrastructure for AAM-UAM

Advanced Air Mobility and UAS Integration Theater

10:55 am – 11:40 am

Understanding the Roles of NASA, DOD, and FAA

Space Integration Theater

10:55 am – 11:40 am

Info-Centric NAS Lab Evolution – Live Virtual Constructive Enabling Environment

Innovation and Technology Theater

11:45 am – 1:45 pm

ATCA Awards Luncheon
Marriott Marquis, Salon 5



1:55 pm - 2:40 pm

Suggestions for the Next FAA Administrator
Keynote Theater

1:55 pm – 2:40 pm

Aviation Workforce: Building and Scaling the Aviation Workforce for the Next Decade of Growth and Change

Air Traffic Management Theater
Session sponsored by JMA Solutions



1:55 pm – 2:40 pm

Government Connectedness
Advanced Air Mobility and UAS Integration Theater

1:55 pm – 2:40 pm

Spaceports and Range Operations
Space Integration Theater

1:55 pm – 2:40 pm

Test Innovations – Remote Test Capability
Innovation and Technology Theater

2:50 pm – 3:35 pm

Operationalizing Cloud Infrastructure Now and in the Future
Air Traffic Management Theater

2:50 pm – 3:35 pm

Government Connectedness Part 2
Advanced Air Mobility and UAS Integration Theater

2:50 pm – 3:35 pm

Airspace Integration
Space Integration Theater

2:50 pm – 3:35 pm

Promoting a Culture of Innovation
Innovation and Technology Theater

3:35 pm – 3:55 pm

Coffee Break
Sponsored by iCatalyst



3:55 pm – 4:10 pm

Frequentis AG: Agile vs. V-model: Can Modern IT Frameworks and Tools Deliver Software Assurance for Grade Products and Services?
Air Traffic Management Theater

3:55 pm – 4:10 pm

Verizon: Telecommunications and the National Airspace System (NAS)
Innovation and Technology Theater

4:20 pm – 5:00 pm

Keynote Address 4: Next Generation ATM in Europe
Keynote Theater

6:00 pm – 7:00 pm

2022 Glen A. Gilbert Memorial Award Reception
Marriott Marquis Mezzanine

7:00 pm – 9:30 pm

2022 Glen A. Gilbert Memorial Award Banquet
Marriott Marquis, Salon 5



Wednesday, November 9, 2022

7:00 am – 12:00 pm

Registration Open

7:30 am – 9:00 am

ATCA Annual Women in Aviation Breakfast
Marriott Marquis, Salon 10



8:30 am – 1:00 pm

Exhibit Hall Open

9:15 am – 10:00 am

Keynote Address 5: Cyber in the Sky
Keynote Theater

10:10 am – 10:25 am

Verizon: Telecommunications and the National Airspace System (NAS)
Innovation and Technology Theater

10:10-10:25 am

KBR: Predicting Runway Configurations and Arrival and Departure Rates at Airports: Comparing the Accuracy of Multiple Machine Learning Model
ATM Theater

10:25 am – 10:55 am

Coffee Break

10:55 am - 11:40 am

Vision for the Future 2035 – No Charts Needed
Keynote Theater

10:55 am – 11:40 am

Zero Trust: Trust No One

Air Traffic Management Theater

10:55 am – 11:40 am

Untangling Future Vision from Present Reality

Advanced Air Mobility and UAS Integration Theater

10:55 am – 11:40 am

Human Space Flight

Space Integration Theater

10:55 am – 11:40 am

Aviation Research – Sustainability Advancements

Innovation and Technology Theater

11:50 am – 12:35 pm

Automation Evolution Strategy (AES)

Air Traffic Management Theater

11:50 am – 12:35 pm

What is the Next Phase of Space

Space Integration Theater



SPECIAL INFORMATION

Food & Beverage at ATCA Global

Exhibit Hall A

- **Plaza 1 - Grab N Go Portable** – pre-made sandwiches, salads, and beverages for purchase.
- **Plaza 2 - Fire House Subs** – 5 meal choices, with chili, chips, sides, no vegan offering. They serve a variety of sandwiches and cold beverages.
- **Plaza 2 - A Taste of Jamaica** (Caribbean flavors) – Platters include: jerk chicken, pineapple chicken, vegan platters, jerk chicken egg rolls and salad.
- **Concession Stand Hall A** – Serving hamburgers, hot dogs, chicken tenders, and salads during lunch, as well as breakfast items early in the day. Beverages, including coffee, will also be available.

Day	Mobile Food Carts	Concession Stand (Lunch)
Monday	11:00 a.m. – 3:00 p.m.	8:00 a.m. – 3:00 p.m.
Tuesday	11:00 a.m. – 3:00 p.m.	8:00 a.m. – 3:00 p.m.
Wednesday	10:00 a.m. – 12:00 p.m.	8:00 a.m. – 12:00 p.m.

Outside Hall A

The Exchange

(Open Monday - Wednesday) – Located in the Concourse between Halls A and B

Kombucha Cart - Self Service

Coffee, cold beverages, sandwiches, and snacks

Uptown Dining District

Featuring (these are run through the Center, Open options may vary)

- **Ben's Chili Bowl** (DC Classic)
- **Tenders Love and Chicken**
- **South of the Border, Taverna**
- **Order Up Pizzeria and Taste of Asia**