

Non-Profit 501(c)(6)
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International
Annual Symposium



Miami, Florida
February 3-6, 2026



SMART
SMART AIRPORT TECHNOLOGIES ASSOCIATION

You're Invited

To Participate in our Educational
AIRPORTECH International Symposium
at the Miami Airport Blue Lagoon Hilton
Feb 3-6, 2026

**Designed for Airport Staff Bottom-Up
Education + Training + Certification**

AIRPORTECH



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Outline

- ✈ Mission
- ✈ Approach
- ✈ Key Educational Topics
- ✈ Justification for Airport Staff Attendance
- ✈ Technology Best Practice Teams Collaboration
- ✈ Eagles Nest of Emerging Tech Innovations
- ✈ Agenda Summary
- ✈ Location
- ✈ Cost

AIRPORT  **TECH**

Mission

- ➔ Support improvements of airports through **best practices research, development, education, and training** involving state-of-the-art technology innovations.
- ➔ **Prevent costly setbacks** for airport owners and governments, due to improper technology implementations that are not sustainable.

Approach

- ✈ **Coordinate** with relevant **universities** (e.g., Embry Riddle, UCF, Florida Tech, etc.)
- ✈ **Complement** efforts of other **relevant associations** (e.g., ACI, AAAE, ACC, FTE, etc.)
- ✈ **Provide educational best practices via:**
 - Committees & Working Groups
 - Symposia
 - Specification Guidelines
 - Training
 - Use-Case Webinars
 - Blue Certification
 - Eagles Nest

Key Topics

Spanning 3 Educational Days

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TECH

- ✈ Artificial Intelligence (AI)
- ✈ Business Intelligence (BI)
- ✈ Digital Transformation & Digital Twins (DT2)
- ✈ Video/LiDAR Analytics and Machine Learning (ML)
- ✈ Automation via Drones - Autonomous Guided Vehicles (AGV)s - Robots
- ✈ Seamless/Frictionless Passenger Processing
- ✈ Enhancing Airport Human Experience
- ✈ Electrification Resilience
- ✈ Cybersecurity
- ✈ and more...

Justification

For Airport Staff Attendance

AIRPORTTECH

✓ Staff Training & Development

✓ Short Courses

- ✓ Standardizing BIM and LiDAR deliverables to maximize data harvesting
- ✓ Automating BIM data Extract-Transform-Load (ETL) to airport systems
- ✓ Automating asset data collection from 3D-LiDAR with draped imagery
- ✓ Setting up single source of truth open architecture enterprise spatial database
- ✓ Leveraging Business Intelligence (BI) and Artificial Intelligence (AI) tools
- ✓ Resiliency best practices with Cybersecurity and Disaster Recovery (DR)

✓ Lessons Learned from other Airports' Technology Use-Cases

✓ Airport Best Practice Implementation Spec Guidelines

✓ New Emerging Technology Presentations & Exhibits

✓ Staff Appreciation & Inter-Airport Collaboration



Technology

Best Practice Teams

Collaborative Working Groups Reviewing Use-Cases & Developing Guidelines



**Total Airport
Management
Intelligence
(TAMI)**



**Robotics
Automation
Drones
(RAD)**



**airport User
eXperience
(UX)**



**ELeC-
trification
(ELC)**



**Data Centers &
Communication
Infrastructure
(IT)**



**Security
(SEC)**

Eagles Nest

“Shark Tank”-like Emerging Airport Technology Innovations



Planned Sessions

✈️ Robotics + AI

✈️ Drones + AI

✈️ LiDAR + AI

✈️ VMS + AI

✈️ CT/X-Ray + AI

3 x SMART pitchers
per session

10 min presentation/demo
+ 10 min Q&A per pitcher

AIRPORTTECH

Agenda

Summary Feb 3-6

AIRPORT
TECH

✈ Tuesday

- ✈ Advisory Committee Working Lunch
- ✈ Special Introductory Short Course
- ✈ Welcome Cocktails Reception

Detailed Agenda
<https://smartairports.org/airportech-agenda>

✈ Wednesday

- ✈ Breakfast
- ✈ Welcome Remarks
- ✈ Plenary Sessions
- ✈ Lunch Presentation
- ✈ Eagles Nest Sessions
- ✈ Coffee Breaks w/Exhibitors
- ✈ Awards Dinner Banquet

✈ Thursday

- ✈ Breakfast
- ✈ Use-Cases Track-A
- ✈ Use-Cases Track-B
- ✈ Lunch Presentation
- ✈ Coffee Breaks w/Exhibitors
- ✈ Technology Showcases

✈ Friday

- ✈ Breakfast
- ✈ Short Courses Track-A
- ✈ Short Courses Track-B
- ✈ Coffee Breaks w/Exhibitors
- ✈ Site Visit

Conveniently Located

Next to Miami
Int'l Airport

Hilton
Blue Lagoon
Hotel

February 3-6
2026



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Costs

<https://smartairports.org/airportech-registration>

AIRPORTTECH

- ✈ Airport / Government Staff
 - ✈ **\$1,000** = Attendee/Speaker **Early Bird** Registration Fee (**by Dec 5th**)
 - ✈ **\$1,300** = Attendee/Speaker Registration Fee (after Dec 5th)
- ✈ See Website for other Options
 - ✈ Associate Members
 - ✈ University Members
 - ✈ Professional Members
 - ✈ Non-Members

**Get Ready
to Share & Learn **Innovation****

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AIRPORT  TECH

INTERNATIONAL
SYMPOSIUM

MIAMI 2026