

# 2022 FAA Challenge: Smart Connected Aviation Student Competition Virtual Forum

## Forum Agenda



**WEDNESDAY, JUNE 22, 2022**

- |                  |  |
|------------------|--|
| 11:00 – 11:20 am | <b>FAA Welcome and Opening Remarks</b><br>Shelley Yak, Federal Aviation Administration         |
| 11:20 – 11:35 am | <b>FAA Smart Connected Aviation Overview</b><br>Jon Schleifer, Federal Aviation Administration |
| 11:35 – 11:55 am | <b>FAA Challenge Steering Committee Introductions</b>  |
| 11:55 – 12:00 pm | Introductions into Team Presentations  |

### TEAM PRESENTATIONS

#### General Aviation Demonstrations

##### Hampton University

- |                  |   |
|------------------|---|
| 12:00 – 12:45 pm | <b>"R.I.P.S.: Runway Incursion Prevention System"</b> |
| 12:45 – 1:15 pm  | Q&A Session   |

1:15 – 1:25 pm Break

##### Oklahoma State University

- |                |                            |
|----------------|----------------------------|
| 1:25 – 2:10 pm | <b>"Squawk ForeFlight"</b> |
| 2:10 – 2:40 pm | Q&A Session                |

2:40 – 2:50 pm Break

#### Emerging Operations Demonstrations

##### Morgan State University

- |                |  |
|----------------|--|
| 2:50 – 3:35 pm | <b>"A Simulation of a Real-Time Cloud-Based Communication Bluetooth Low Energy (BLE) System in Automatic Dependent Surveillance-Broadcast (ADS-B) for Unmanned Aerial Systems (UAS)"</b> |
| 3:35 – 4:05 pm | Q&A Session  |

4:05 – 4:15 pm Break

##### Purdue University

- |                |  |
|----------------|--|
| 4:15 – 5:00 pm | <b>"Advanced Air Mobility as an Electric Grid Demand Response Asset"</b> |
| 5:00 – 5:30 pm | Q&A Session  |

5:30 – 5:35 pm Adjourn

The 2022 FAA Virtual Forum will be live streamed at <https://livestream.com/viewnow/faachallenge>.  
All times are in Eastern Daylight Time (EDT).

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THURSDAY, JUNE 23, 2022

12:00 – 12:15 pm	Day 2 Welcome
12:15 – 1:15 pm	<b>Poster Session</b>
1:15 – 1:25 pm	Break
1:25 – 2:10 pm	<b>“Entrepreneurial Mindset”</b> Brandon Graham, Smart Airport Aviation Partnership (SAAP)
2:10 – 3:10 pm	<b>Employee Engagement Team Panel</b> Moderated by Lyndsay Digneo Lauren Rainier, Alexander Revolus, Jim Ritchie, Stephanie Stead
3:10 – 3:20 pm	Break
3:20 – 3:50 pm	<b>“FAA Smart Airport Student Challenge”</b> Nikolai Drigal, Pacific Northwest National Laboratory
3:50 – 4:20 pm	<b>“From Intern to Management: A Path Taken”</b> Edward Marciano, Federal Aviation Administration
4:20 – 4:30 pm	Online Group Photo
4:30 – 4:55 pm	<b>Awards Ceremony</b> presented by Shelley Yak
4:55 – 5:00 pm	Wrap-up and Adjourn

For more information about the 2022 FAA Challenge, please visit

<http://faachallenge.nianet.org>

#FAAChallenge2022  
#AviationSTEM  
#FAASTEM

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