**Tech Center Tuesday**

**Virtual Atrium Experience Schedule**

**May 18 Noon-3 p.m.**

*The following is a list of breakout rooms during the scheduled event.  All topic areas are available starting at noon unless noted otherwise.*

***\*Technical Center Focus Areas* (3 different topics)**

\***Aviation STEM Program- Noon-1 p.m.**

The Aviation STEM program manager will present a program overview starting at 12:10 p.m. to include the   history and background of the program, and overview of outreach efforts.

\***Employee Engagement Team- 1– 2 p.m.**

Members of the Employee Engagement Team (EET) will present a program overview starting at 1:00 p.m. to include a brief background of the team,  mission, and an overview of past and future employee engagement initiatives.

\***Innovation and Technology Advisory Council- 2 – 3 p.m.**

The ITAC Program Manager will present a program briefing starting at 2:00 p.m. to include history of innovation at the Technical Center, including some significant inventions and intellectual property, the approach and strategy the ITAC takes to usher in a culture of innovation at the Tech Center, and the roles of the Council Members and of project Principal Investigators.

**\*Atlantic City Advanced Air Mobility (AAM) Ecosystem**

An eight-minute Atlantic City AAM Ecosystem video will run every 30 minutes

with a question and answer session in between.

**\*Advanced Technologies and Oceanic Procedures (ATOP) System Capabilities**

Advanced Technologies and Oceanic Procedures (ATOP)

Lab and Sustainment Program overview presentation.

**\*Big Data Analytics Working Group (BigDAWG)**

A wide variety of topic areas related to this area, including AI/ML will be discussed.

**\*Cybersecurity Test Facility (CyTF)**

Presentation that details the activities taking place in the CyTF laboratory, including Cybersecurity Risk Modelling (CyRM), Penetration Testing activities,

Cybersecurity Training activities and other security related activities.

**\*FAA SMART Airport Academic Student Challenge**

FAA Selection Committee Chairman will give a power point presentation overview of the program.

**\*FAA Technology Transfer**

A presentation and video will be used to present information regarding this program,

followed by a question and answer session.

**\*Laboratory Capabilities**

Presentation of laboratory capabilities that are available at the Technical Center and how they support NAS modernization and sustainment activities A NATCA representative will be available to speak to the capabilities of the laboratories and how they are used to benefit NATCA.

**\*Live Virtual Constructive Environment (LVCE)**

Tech Center organizations have implemented innovative and creative solutions to enable the ability to remotely access, control, and utilize the LVCE.  This virtual booth will present some of these solutions, via presentation and video clips from a remote test event.

**\*NAS Animated Storyboard**

Program overview presentation and demonstration given by various team members followed by a question and answer session. The NAS Storyboard team will be on hand to highlight the NAS animated storyboard’s features and benefits.  The storyboards are a V&V tool that communicates the complexity of the NAS using animation (fusion of art and science).

**\*Rotorcraft Safety Research**

Presentation and overview of rotorcraft safety research project activities

at the Cockpit Simulation Facility.  The team will demonstrate running trials

with the S76 simulator in support of these ongoing R&D projects.

**\*System Wide Information Management (SWIM)**

The System Wide Information Management (SWIM) team will be sharing programmatic updates, upcoming events, and information about how users can connect to SWIM.

**\*UAS Engineering**

UAS Laboratory overview of the nine different UAS Simulators that are used

to support various programs at the Technical Center.