

3rd ERAU-NASA-NSF Aerospace Cybersecurity Workshop
April 8-9, 2026, Prescott, Arizona
<https://erau.edu/workshop>



Wednesday, April 8 (all times in Arizona time zone/GMT -7 hours)

VENUE	Student Union/Lower Hangar
7:00-8:00am	Registration and breakfast
8:00-8:20am	<p>Welcome and Opening Remarks: Kenneth Witcher (ERAU-Prescott Chancellor) and Thomas Drape (ERAU CBSI Dean); Mark Muha, NASA; Senator Mark Kelly, Arizona State.</p> <p>Overview of Agenda</p> <ul style="list-style-type: none"> • Krishna Sampigethaya (ERAU)
8:20-9:10am	<p>Panel #1: Securing Aircraft, Avionics, and Embedded Systems</p> <p>This panel discusses how cybersecurity is being embedded into aircraft systems engineering and product development to protect next-generation aviation platforms.</p> <p>Moderator: Dan Diessner (ERAU/CARS)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Thomas Bailey (Riverside Research) • Stephane Chopart (Airbus) • Don Christie (Honeywell Aerospace) • Scott McCrea (Honeywell Aerospace) • Kanwal Reen (Collins Aero) • Stefan Schwindt (GE Aerospace)
9:10-10:00am	<p>Panel #2: Operational Cyber Resilience in Airlines, Airports and Air Traffic Control</p> <p>Explores strengthening cybersecurity and resilience across OT, airline systems, and airport and air traffic management infrastructure while maintaining safe and reliable operations.</p> <p>Moderator: Jennah Perry (ERAU) & Kyle Wilkerson (ERAU)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Pamela Davis (Southwest Airlines) • David Hopkins (Mesa Air) • Kenneth Freeman (NASA) • Matthew Kosednar (United Airlines) • Victor Murray (Southwest Research Institute)
10:00-10:20am	<i>Break</i>
10:20-11:10am	<p>Panel #3: Threat Intelligence, Incident Response, and Aviation Safety</p> <p>Explores how threat intelligence, incident response, and collaboration help aviation stakeholders identify adversaries, respond to cyber incidents, and protect aviation safety.</p> <p>Moderator: Anne Boettcher (ERAU) & Nikita Lettunich (ERAU)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Jerry Davis (Microsoft) • Tom Jacky (NTSB) • Tyler Morris (Sandia National Labs) • Rob Morrow (GE Aerospace) • Shawn Ricketts (Pacific Northwest National Lab)

11:10am-12pm	<p>Panel #4: Cybersecurity Careers and Pathways in Aerospace Panelists share with student moderators how they entered their fields, skills that matter most, and advice for careers in securing aviation and space systems. Moderator: Michael Boehm, Jesse Hix, Kamryn Hoehne, Nathan Johnson (ERAU SFS Scholars) Panelists:</p> <ul style="list-style-type: none"> • Matthew Barreras (Mesa Air) • José M. Fernandez (Canadian airline) • Steve Luczynski (Aerospace Village) • Gilena Monroe (NASA) • Alan Tomaszycski (Boeing) • Nina Vajda (Lancium)
12:00-1:20pm	<p>Lunch (provided to all registered attendees)</p> <ul style="list-style-type: none"> • Student research poster presentations (attendees evaluate and choose best poster). • Aviation Cyber CTF Overview, ERAU-Prescott CTF Development Team of Students.
1:20-2:10pm	<p>Special Leadership Session: Trust, Data, and Decision-Making in a Connected Aviation Era Senior aviation leaders discuss how cybersecurity, trusted data, and digital connectivity are influencing leadership decisions and the future of safe aviation operations. Moderator: Steve Luczynski (Aerospace Village) Panelists:</p> <ul style="list-style-type: none"> • Daniel Baker (FlightAware Founder) • Major General Jeannie Leavitt (ERAU) • Steve Taylor (former Boeing Chief Pilot and Business Jets Program President)
2:10-3:00pm	<p>Panel #5: AAM and Trusted Autonomy for Emerging Aerospace Systems Examines how Advanced Air Mobility (AAM), autonomy, and connected cyber-physical systems are transforming aviation. Panelists will discuss operational challenges, system-level risks, and trust in autonomous aerospace systems. Moderator: Mark Muha (NASA) Panelists:</p> <ul style="list-style-type: none"> • Lillian Ash Baker (Boeing/Wisk Aero) • Glen Burnett (Bell Flight) • Terrence Lewis (NASA) • Bruno Sinopoli (ASU) • Ryan Stichweh (NASA) • Adam Yingling (NASA)
3:00-3:15pm	Break
3:15-4:30pm	<p>Engagement Exercise for Students and Professional Attendees Students and professionals interact in a speed networking exercise on various topics.</p>
4:45-5:35pm	<p>Apollo 11 (Edited Highlights Screening) Venue: Planetarium</p>
6:00-7:00pm	<p>VISITING STUDENTS: Campus dinner at Earhart's (Dinner Voucher at the registration desk!)</p>
6:00-8:00pm	<p>Off-site working dinner (open to registered professional attendees). Reflection on grand challenges, discussion on emerging issues and SFS scholar opportunities.</p>

Thursday, April 9 (all times in Arizona time zone/GMT -7 hours)

Note: two separate venues on campus are listed below.

VENUE	Davis Learning Center (DLC) Auditorium	Lower Hangar
7:00-8:00am	<i>Note: Please go to Lower Hangar for Breakfast/Registration</i>	Breakfast & Registration
8:00-9:00am	<p>Panel #6: Space Systems and Space Cybersecurity Examines cyber and related challenges in space missions, satellite architectures, and emerging space-based services. Moderator: Ron Madler (ERAU) & Russel Davis (ERAU) Panelists:</p> <ul style="list-style-type: none"> • Andrew Aldrin (ERAU) • Steve Doran (NASA JPL) • Sherry Neher (Air Force Research Lab) • Ryan Stichweh (NASA) • Andrew Zeliff (GTRI) 	<p>Aviation Cyber Capture-The-Flag (CTF) STARTS</p>
9:00-9:50am	<p>Panel #7: Secure Architectures for Connected Aero Systems Focuses on engineering approaches for designing secure and resilient aerospace system architectures. Panelists will discuss secure avionics integration, connectivity, and protection of next-generation connected platforms. Moderator: Kanwal Reen (Collins Aerospace) Panelists:</p> <ul style="list-style-type: none"> • Jim Anderson (Collins Aerospace) • Kirupakar Janakiraman (JK) (Honeywell Aerospace) • Fred Jones (RTX Research Center) • Brian North (Lockheed Martin) • Stefan Schwindt (GE Aerospace) 	<p>Aviation Cyber CTF (University teams will compete. Industry attendees encouraged to serve as mentors or participate in the CTF as a learning exercise)</p>
9:50-10:00am	<i>Break</i>	
10:00-10:50am	<p>Panel #8: Standards, Certification, and Airworthiness Security This panel explores emerging cybersecurity standards and certification development related to aviation. Moderator: Kathleen Kramer (2026 IEEE Past President) Panelists:</p> <ul style="list-style-type: none"> • Sanjay Bajekal (Collins Aerospace) • Douglas Britton (RunSafe) • Ben Nagel (CyberBen) • Brandon Nepute (Boeing) • Daniel Quiroz (Honeywell Aerospace) • Stefan Schwindt (GE Aerospace) 	

10:50am-12:00pm	Collaboration Building Exercise: What we need from other two? A collaborative session where industry, academia and government participants define their biggest needs and propose areas for deeper engagement and support.	Lunch for all attendees at 12pm, co-located student poster presentations and CTF activity. Aviation Cyber CTF ENDS Award Presentations (CTF and Poster) in Lower Hangar
12:00-1:30pm	Lunch (in Lower Hangar) with Students <ul style="list-style-type: none"> • Student research poster presentations. • Engage in the CTF as an observer, participant or mentor. 	
1:30-3:45pm	Breakout Group Discussion and Group Debrief Presentations Emerging directions for aviation and space cyber security research and education (participants breakout into smaller groups to discuss and identify grand challenges and related near-, mid-, and long-term goals, and report out)	
3:45pm-4:00pm	Next Steps: Where to go from here?	
4:00-4:30pm	Award Presentations (CTF and Poster) in Lower Hangar	
4:30pm	Workshop Adjourned	
5:00pm	Optional Tours Available for Participants: <ul style="list-style-type: none"> • Flightline with Dean Jeannie Leavitt • Robertson Aviation Safety Center (Bldg. 21) and the 'Crash Lab' with Prof. Brian Roggow 	