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	**Welcome and Opening Remarks:** Kenneth Witcher (ERAU-Prescott Chancellor) and Thomas Drape (ERAU CBSI Dean); Mark Muha: NASA, TBD; Arizona State **Overview of Agenda** • Krishna Sampigethaya (ERAU)
8:20-9:10am	**Panel #1: Securing Aircraft, Avionics, and Embedded Systems** This panel discusses how cybersecurity is being embedded into aircraft systems engineering and product development to protect next-generation aviation platforms. ***Moderator***: Dan Diessner (ERAU/CARS) ***Panelists:*** • Stephane Chopart (Airbus) • Don Christie (Honeywell Aerospace) • Scott McCrea (Honeywell Aerospace) • Kanwal Reen (Collins Aero) • Stefan Schwindt (GE Aerospace)
9:10-10:00am	**Panel #2: Operational Cyber Resilience in Airlines, Airports and Air Traffic Control** Explores strengthening cybersecurity and resilience across OT, airline systems, and airport and air traffic management infrastructure while maintaining safe and reliable operations. ***Moderator*:** Jennah Perry (ERAU) & Kyle Wilkerson (ERAU) ***Panelists:*** • Pamela Davis (Southwest Airlines) • David Hopkins (Mesa Air) • Kenneth Freeman (NASA) • Matthew Kosednar (United Airlines) • Victor Murray (Southwest Research Institute)
10:00-10:20am	*Break*
10:20-11:10am	**Panel #3: Threat Intelligence, Incident Response, and Aviation Safety** Explores how threat intelligence, incident response, and collaboration help aviation stakeholders identify adversaries, respond to cyber incidents, and protect aviation safety. ***Moderator*:** Anne Boettcher (ERAU) & Nikita Lettunich (ERAU) ***Panelists:*** • Jerry Davis (Microsoft) • Tom Jacky (NTSB) • Tyler Morris (Sandia National Labs) • Rob Morrow (GE Aerospace) • Shawn Ricketts (Pacific Northwest National Lab)

11:10am-12pm	**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:*** • Matthew Barreras (Mesa Air) • José M. Fernandez (Canadian airline) • Steve Luczynski (Aerospace Village) • Gilena Monroe (NASA) • Alan Tomaszycki (Boeing) • Nina Vajda (Lancium)
12:00-1:20pm	**Lunch (provided to all registered attendees)** • 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	**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:*** • Daniel Baker (FlightAware Founder) • Major General Jeannie Leavitt (ERAU) • Steve Taylor (former Boeing Chief Pilot and Business Jets Program President)
2:10-3:00pm	**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:*** • Lillian 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	**Engagement Exercise for Students and Professional Attendees** Students and professionals interact in a speed networking exercise on various topics.
4:45-5:35pm	**Apollo 11 (Edited Highlights Screening)** ***Venue: Planetarium***
6:00-7:00pm	**VISITING STUDENTS: Campus dinner at Earhart's** (Dinner Voucher at the registration desk!)
6:00-8:00pm	**Off-site working dinner (open to registered professional attendees).** Reflection on grand challenges, discussion on emerging issues and SFS scholar opportunities.

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	*Note: Please go to Lower Hangar for Breakfast/Registration*	Breakfast & Registration
8:00-9:00am	**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:*** • Andrew Aldrin (ERAU) • Steve Doran (NASA JPL) • Sherry Neher (Air Force Research Lab) • Bryan Torielli (Deloitte) • Andrew Zeliff (GTRI)	**Aviation Cyber Capture-The-Flag (CTF) STARTS**
9:00-9:50am	**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:*** • Jim Anderson (Collins Aerospace) • Kirupakar Janakiraman (JK) (Honeywell Aerospace) • Fred Jones (RTX Research Center) • Brian North (Lockheed Martin) • Nayyar Rao (Honeywell Aerospace)	**Aviation Cyber CTF** (University teams will compete. Industry attendees encouraged to serve as mentors or participate in the CTF as a learning exercise)
9:50-10:00am	*Break*	
10:00-10:50am	**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:*** • 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.	
12:00-1:30pm	**Lunch (in Lower Hangar) with Students** • Student research poster presentations. • Engage in the CTF as an observer, participant or mentor.	Lunch for all attendees at 12pm, co-located student poster presentations and CTF activity.
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	**Aviation Cyber CTF ENDS** Award Presentations (CTF and Poster) in Lower Hangar
4:30pm	*Workshop Adjourned*	