



2022 PEGASAS Annual Meeting

Conference-like presentations about PEGASAS projects.

Location: co-located in-person with AIAA AVIATION – Hilton Chicago, 720 South Michigan Ave, Chicago, IL, 60605, USA (venue and travel info: <https://www.aiaa.org/aviation/travel>)

Dates:

Thursday, 30 June 2022, 9:30am - 3:30pm CDT (with reception from 5:30 – 7:00pm CDT)

Friday, 1 July 2022, 9:30am – 2:30pm CDT

Registration Options:

Attending only the PEGASAS Annual Meeting?

- Go to <https://www.aiaa.org/aviation/registration> and select “register now”
- Use the code: **AVPEGASAS22**
- Please note that anyone attending in person will need to comply with the health and safety requirements for the AVIATION Forum (see <https://www.aiaa.org/aviation/travel/health-and-safety> for details)

PEGASAS faculty, students, affiliates, industry partners and FAA colleagues have no registration fee to attend only the PEGASAS Annual Meeting. No access available for additional AIAA AVIATION content or events.

Want to attend and participate in all AIAA AVIATION events?

- Go to <https://www.aiaa.org/aviation/registration> and select “register now”
- Use the code “**AVSAVE10**” to get a 10% Discount Off of Full Conference Rate

PEGASAS faculty, students, affiliates, industry partners and FAA colleagues who want to attend all AIAA AVIATION events, including the PEGASAS led technical tracks and the PEGASAS Annual Meeting will register with AIAA AVIATION. Registration prices available on their website.

Questions? Email us at info@pegasas.aero

Agenda? See next few pages

PEGASAS 2022 Annual Meeting

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June 30th, 2022

09:15 am - 09:30 am CDT	Setup and Testing of Equipment
	<i>Session 1 - Buckingham (New Lobby Level)</i>
09:30 am - 10:30 am CDT	Introduction and kick-off comments from PEGASAS Presenter: William Crossley, PEGASAS Director, Purdue University Outstanding Student Researcher Awards, Jimenez Faculty Award FAA Welcome Message
10:30 am - 11:10 am CDT	Project 01: Heated Airport Pavements Principal Investigator: Halil Ceylan, ISU
11:10 am - 02:00 pm CDT	Lunch Break
	<i>Session 2 - Buckingham (New Lobby Level)</i>
02:00 pm - 02:40 pm CDT	Project 05: Safety Analysis for General Aviation Principal Investigator: Karen Marais, Purdue University
02:40 am - 03:20 pm CDT	Project 02: Rotorcraft ASIAs Principal Investigator: Alexia Payan, GIT
03:20 pm - 04:00 pm CDT	Project 32: Rotorcraft Wire Strike Principal Investigator: Alexia Payan, GIT
04:00 pm - 05:30 pm CDT	Break
05:30 pm - 07:30 pm CDT	Reception Grant Park Bistro 800 South Michigan Avenue, Chicago

PEGASAS 2022 Annual Meeting

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July 1st, 2022

09:15 am - 09:30 am CDT	Setup and Testing of Equipment	
	<i>Session 3 - Buckingham (New Lobby Level)</i>	
09:30 am - 10:00 am CDT	Project 34: Helicopter Operations Weather Interfaces Principal Investigators: Barrett Caldwell, Purdue University; Michael Splitt, FIT	
10:00 am - 10:30 am CDT	Project 33 & 34: Weather Representativeness and Pilot Information Principal Investigators: Barrett Caldwell, Purdue University and Michael Splitt, FIT	
10:30 am - 11:00 am EDT	Project 33: Augmented Weather Information Project - Augmented Reality Focus Principal Investigators: Barrett Caldwell, Purdue University; Lori Brown, WMU; Michael Dorneich, ISU (presenter)	
11:00 am - 11:30 am EDT	Project 35: Machine Learning and Enhanced Hands-Minimized PIREP generation Principal Investigators: Barrett Caldwell, Purdue University; Debbie Carstens, FIT	
11:30 am - 12:20 pm CDT	Lunch Break	
12:20 pm - 01:20 pm CDT	Site Directors' meeting NOT OPEN to public PDR #1 (3rd floor)	Advisory Board meeting NOT OPEN to Public Buckingham (New Lobby Level)
01:20 pm - 01:30 pm CDT	Break	
01:30 pm - 02:45 pm CDT	Joint Session: Advisory Board Feedback to PEGASAS researchers and FAA Technical Monitors and Sponsors NOT OPEN to public Buckingham (New Lobby Level)	
02:45 pm - 03:00 pm CDT	Closing Remarks	