

PACE-PAX & PVST science team meeting - NASA Ames Research Center, Building 3

March 4-8, 2024

Start Time (PST): 9:00 AM

PACE Validation Science Team (PVST) meeting

PACE Postlaunch Airborne eXperiment (PACE-PAX) meeting

	Monday	Tuesday	Wednesday	Thursday	Friday	
8:30 AM	Registration		Bystander training 9 -13			
8:45 AM			Registration			
9:00 AM		Second day intro	PACE-PAX Welcome and logistics (Nicholas/Alfter)	Dry run Thursday weather briefing (Ueyama)	Dry run Friday weather briefing (Ueyama)	
9:15 AM		Subgroups IOP	PACE Program status (Lorenzoni/Maring)			
9:30 AM		Subgroups IOP	PACE, PVST Project status (Werdell/Cairns/Mannino)	Dry run Thursday flight planning (LeBlanc)	Dry run Friday flight planning (LeBlanc)	
9:45 AM		Subgroups IOP	PACE-PAX introduction and overview (Knobelspiesse/Cairns/Cetinić)			
10:00 AM		Break	Break			
10:15 AM	Registration	Subgroups IOP	PACE-PAX background: ER-2	Break	Break	
10:30 AM	PVST welcome and logistics + welcome + introduction	Subgroups IOP	8 min each for: ER-2, AirHARP, PICARD, PRISM, RSP, SPEX Airborne	ESPO logistics discussion (Nicholas/Alfter)	HARP2 and SPEXone teams needs for validation (Martins, Hasekamp)	
10:45 AM	PVST + PACE-PAX connection	Subgroups Radiometry		Coordination, lab space and other support needs, decision timing	PRISM, PICARD, etc. radiometric calibration comparison	
11:00 AM		Subgroups Radiometry				
11:15 AM	PACE Program status (Lorenzoni)	Subgroups Radiometry	PACE-PAX background: Twin Otter			
11:30 AM	PACE Project status (Werdell/Cairns/Mannino)	Subgroups Radiometry	8 min each for: Twin Otter, LARGE, LI- Neph		Risk assessment (Knobelspiesse)	
11:45 AM		Subgroups Radiometry	PACE-PAX background: R/V Shearwater (Ondrusek)			
12:00 PM						
12:15 PM						
12:30 PM	Lunch	Lunch	Lunch	Lunch	Lunch	
12:45 PM						
1:00 PM						
1:15 PM						
1:30 PM	SeaBASS data pipeline (ocean and atmosphere),	Subgroups Radiometry/Atmospheric	PACE-PAX background: AERONET (Lind)	Validation with PACE-PAX data (Burton, Sinclair, Sayer)	Open discussion on strategies to ensure observation synergy	
1:45 PM	submission protocols - Inia/Mike +PACE	Subgroups Imaging/BGC	PACE-PAX background: HyperNAV (Barnard)			
2:00 PM	Validation - how will it work (Andy and Chamara)	Subgroups Imaging/BGC	PACE-PAX Background: ISARA (Stammes/Schlosser)			
2:15 PM		Subgroups Imaging/BGC	PACE-PAX background: HSRL-2 (Collister)			
2:30 PM	Field support group (Antonio)	Subgroups Imaging/BGC	PACE-PAX potential collaboration: EPSCOR Gliders (Oliver)	Post PACE-PAX activities discussion (Knobelspiesse / Cairns / Cetinić)	Break	
2:45 PM	PI presentations/discussions	Subgroups Imaging/BGC	Break	Break	Open schedule for additional discussion	
3:00 PM	PI presentations/discussions	Break	PACE-PAX: Validation Traceability Matrix (VTM) (Knobelspiesse)	MTS overview (Duley)		
3:15 PM	Break	Subgroups Atmospheric	VTM objectives as flight modules (Knobelspiesse, LeBlanc)	Tutorial/workshop on use of flight planning, MTS and communication tools (LeBlanc, Knobelspiesse, etc)	Weather briefing recap (Ueyama)	
3:30 PM	PI presentations/discussions	Subgroups Atmospheric		Overview of September 2023 dry run (Ueyama, LeBlanc, Knobelspiesse)		Dry run Friday & overall assessment (LeBlanc)
3:45 PM	PI presentations/discussions	Subgroups Atmospheric				
4:00 PM	PI presentations/discussions	Subgroups Atmospheric			Dry run Friday weather briefing preview (Ueyama)	
4:15 PM	PI presentations/discussions	Subgroups Atmospheric	Weather forecasting: what to expect (Ueyama)			
4:30 PM	PI presentations/discussions	Subgroups IOP/Imaging		Dry run Thursday assessment (LeBlanc)		
4:45 PM	PI presentations/discussions	PVST second day closeout.	Flight planning: what to expect (LeBlanc)			
5:00 PM	PI presentations/discussions					
5:15 PM	PI presentations/discussions					
6:00 PM			Group dinner at Ludwig's			