

PACE Applications Workshop 2023 Agenda

Day 1: Wednesday September 6th, 2023

Time (EDT)	Title
10:00a (20)	<i>Workshop Welcome & Logistics</i> <ul style="list-style-type: none"> • Host: Natasha Sadoff (NASA GSFC/SSAI)
10:20a (10)	Engagement/Icebreaker Activity
10:30a	Session 1: Welcome and Setting the Stage <ul style="list-style-type: none"> • Goals: <ul style="list-style-type: none"> ○ Introduce the workshop theme, goals, and objectives. ○ Share results from the PACE Applications Program on user readiness assessments. ○ Share key themes and best practices for advancing applications using new data streams.
10:30a (30)	<i>NASA HQ Applied Sciences Perspective</i> <ul style="list-style-type: none"> • Speaker: Dalia Kirschbaum (NASA GSFC)
11:00a (30)	<i>PACE Applications Update: User Readiness</i> <ul style="list-style-type: none"> • Erin Urquhart (NASA GSFC/SSAI)
11:30a (30)	<i>Applying Human-Centered Design to Data Science</i> <ul style="list-style-type: none"> • Speaker: Bo Peng (IDEO)
12:00p (60)	LUNCH (60mins)
1:00p (5)	Session 2: PACE Mission & Science. Ready for launch! <ul style="list-style-type: none"> • Host: Erin Urquhart (NASA GSFC/SSAI) • Goals: <ul style="list-style-type: none"> ○ Provide an overview of the PACE Mission & instruments. ○ Update the community on the latest from the PACE Project Science disciplines. ○ Provide a snapshot of PACE data and access via OB.DAAC, and next steps leading up to launch.
1:05p (30)	<i>PACE Mission Overview, Updates, & Data Products</i> <ul style="list-style-type: none"> • Speaker: Jeremy Werdell (NASA GSFC)
1:35p (20)	<i>PACE I&T, Status, Hardware Updates</i> <ul style="list-style-type: none"> • Speaker: Mark Voyton (NASA GSFC)
1:55p (20)	<i>PACE Data Access via the OB.DAAC</i> <ul style="list-style-type: none"> • Speaker: Sean Bailey (NASA GSFC)
2:15p (45)	POSTERS (45mins)
3:00p (55)	<i>Panel: How PACE Discipline Scientists are Preparing for Launch</i> <ul style="list-style-type: none"> • Moderator: Natasha Sadoff (NASA GSFC/SSAI) • Panelists:

	<ul style="list-style-type: none"> ○ Andy Sayer (NASA/UMD): <i>Atmosphere with the Ocean Color Instrument</i> ○ Kirk Knobelspiesse (NASA GSFC): <i>Polarimetry</i> ○ Ivona Cetinic (NASA/MSU): <i>Ocean Biogeochemistry & Bio-optics</i> ○ Amir Ibrahim (NASA GSFC): <i>Atmospheric Correction</i> ○ Cecile Rousseaux (NASA GSFC): <i>Level 4 products</i> ○ Fred Huemrich (UMBC): <i>Terrestrial Science</i>
3:55p-4:00p	ADJOURN

Day 2: Thursday September 7th, 2023

Time (EDT)	Title
10:00a (10)	<i>Day 2 Workshop Welcome & Logistics</i> <ul style="list-style-type: none"> • Host: Erin Urquhart (NASA GSFC/SSAI)
10:10a (10)	Engagement/Icebreaker Activity
10:20a (5)	Session 3: User Readiness: Are YOU Ready for Launch? <ul style="list-style-type: none"> • Host: Erin Urquhart (NASA GSFC/SSAI) • Goals: <ul style="list-style-type: none"> • Learn about tools, ideas, and best practices in preparation for PACE launch • Consider lessons learned in preparing for incorporating new datasets into applications • Explore topics related to interoperability, stakeholder engagement, and training
10:25a (20)	<i>Plenary: Lessons in User Readiness from the NASA ICESat2 Mission</i> <ul style="list-style-type: none"> • Speaker: Sabrina Delgado Arias (NASA GSFC/SSAI)
10:45a (15)	<i>Preparing for PACE: How NASA Can Help</i> <ul style="list-style-type: none"> • Speaker: Melanie Follette Cook (NASA GSFC)
11:00a (15)	<i>Data Interoperability: How to Prepare your Tools for PACE Data</i> <ul style="list-style-type: none"> • Speaker: Kimberly Hyde (NOAA Northeast Fisheries)
11:15a (15)	<i>Stakeholder (re)Engagement: Training and Communication</i> <ul style="list-style-type: none"> • Speaker: Ashutosh Limaye (NASA MSFC)
11:30a (30)	<i>Q&A and Discussion</i>
12:00p (60)	LUNCH & LOUNGE (60mins)
1:00p (5)	Session 4: The “hows and whys” of PACE Data Integration <ul style="list-style-type: none"> • Host: Natasha Sadoff (NASA GSFC/SSAI) • Goals: <ul style="list-style-type: none"> ○ Learn about PACE simulated data and how to use it to prepare for launch ○ Explore case studies about applications preparing for PACE data integration

	<ul style="list-style-type: none"> ○ Consider lessons learned from community members
1:05p (25)	<p><i>Get Ready for PACE with Simulated Data</i></p> <ul style="list-style-type: none"> • Speaker: Emerson Sirk (NASA GSFC/SSAI), NASA DEVELOP Team
1:30p (10)	<p><i>Integrating Earth Observation Data: Coastal and Freshwater Ecosystems</i></p> <ul style="list-style-type: none"> • Nima Pahlevan (NASA GSFC/SSAI)
1:40p (10)	<p><i>Integrating Earth Observation Data: From Sargassum to Oil Spills</i></p> <ul style="list-style-type: none"> • Chuanmin Hu (University of Florida)
1:50p (10)	<p><i>Integrating Earth Observation Data: Aerosols, Weather, and Human Health</i></p> <ul style="list-style-type: none"> • Marcela Loria Salazar (University of Oklahoma)
2:00-2:10 (10)	<i>Q&A and Discussion</i>
2:10p (15)	Networking Break + Lounge (15mins)
2:35p (10)	<p>Session 5: Onward and Upward: Transition & Implementation</p> <ul style="list-style-type: none"> • Host: Erin Urquhart (NASA GSFC/SSAI) • Goals: <ul style="list-style-type: none"> ○ Learn about successful transition and operationalization of projects and datasets to operation ○ Consider important perspectives in successful and impactful applications
2:45p (20)	<p><i>The power of collaboration in creating and operationalizing beneficial NASA data, products, and tools</i></p> <ul style="list-style-type: none"> • Speaker: Amber McCullum (NASA/Bay Area Environmental Research Institute)
3:05p (45)	<p><i>Panel: Thinking Big on Transitioning Applications</i></p> <ul style="list-style-type: none"> • Moderator: Kelly Luis (NASA JPL/ORAU) • Panelists: Yaitza Luna-Cruz (NASA HQ); Blake Schaeffer (US EPA); Raja Hakimdavar (Zyon Space); Kari St. Laurent (NOAA NESDIS)
3:50p (5-10)	<p><i>Workshop & Day 2 Closing</i></p> <ul style="list-style-type: none"> • Host: Erin Urquhart (NASA GSFC/SSAI) & Natasha Sadoff (NASA GSFC/SSAI)
3:55p	ADJOURN