SASCWATCH WORKSHOP 2026 AGENDA

In-person: Corps Room
Texas A&M Hotel and Conference Center
177 Joe Routt Boulevard
College Station, TX 77843
Park in the Gene Stallings Garage
Virtual: https://tamu.zoom.us/j/91234915593
Meeting ID: 912 3491 5593, Passcode: 382988

Coffee and Pastries 8:30 am - 9 am (Central Time)			
Session 0 Welcome, Program Updates, and Overview			
9:00 - 9:05 AM		Henry Potter	Welcome and Logistics
9:05 - 9:20 AM		Josh Cossuth	ONR Updates
9:20 - 9:40 AM	1	David Richter	SASCWATCH Overview and Updates
Session 1 Waves			
9:40 - 10 AM	2	Benjamin Jaimes de la Cruz	On the Self-Induced Near-Inertial Cycle of Wind-Current Misalignment in Hurricanes
10-10:20 AM	3	Benjamin Henkle	Wave Spectra Quantification and Characterization
BREAK 10:20 AM - 10:50 AM			
Session 2 More Waves			
10:50 - 11:10 AM	4	Otoniel Palacios	Wind–Wave Misalignment and Air–Sea Momentum Flux in Hurricane Erin (2025)
11:10 - 11:30 AM	5	Bia Villas Boas	Observing and Modeling Wave-Current Interactions during TC Erin
11:30 - 11:50 AM	6	Peter Sullivan	LES of TC Winds Over Measured Waves
LUNCH 11:50 AM - 1:00 PM			
Session 3 Air-Sea Interaction and Momentum Fluxes			
1:00-1:20	7	Michael Bell	Understanding Air-Sea Interactions from Aircraft Observations, Machine Learning, and Idealized Modeling
1:20 - 1:40 PM	8	Josh Wadler	Calculation of the Drag Coefficient in High Winds Using the Black Swift sUAS
1:40 - 2:00 PM	9	Greg Foltz	Hurricane air–sea drag saturation and sea-state dependence revealed by surface drones
2:00 - 2:20 PM	10	Johna Rudzin	Understanding sources of surface drag variability in tropical cyclones using observations and numerical simulations
2:20- 2:40 PM	11	Christopher Deloach	Turbulence-Resolving LES To Contextualize Small UAS Observations of Hurricane Boundary Layer
BREAK 2:40 - 3:10 PM			
Session 4 Spray			
3:00 - 3:20 PM	12	Milan Curcic	Wind-Driven Wave Tearing
3:20 - 3:40 PM	13	David Richter	Sea Spray
3:40 - 4:00 PM	14	Brian Haus	Sea Spray Generation
4:00-4:30	**Discussion**	**Discussion**	**Discussion on air-sea fluxes led by Henry Potter**
4:30-5:00	**Discussion**	**Discussion**	**Discussion on best uses for sUAS led by Josh Wadler**
END OF DAY 1			

***Group Dinner Location* TBD**			
Tuesday (June 2nd)			
Coffee and Pastries 8:30 am - 9 am (Central Time)			
Session 5 Ocean Response & Subsurface Dynamics			
9:00 - 9:20 AM	15	Henry Potter	Ocean Cooling Under Hurricane Erin
9:20 - 9:40 AM	16	Jacob Davis	Wave-Driven Contributions to Upper Ocean Mixing in Hurricane Erin
9:40 - 10 AM	17	Steven Akin	Near-Inertial Wave Propagation in a Cyclonic Barrier Layer
10:00 - 10:20 AM	18	Nick Shay	Observed Ocean Warming Trends in the Gulf
BREAK 9:50 AM - 10:20 AM			
Session 6 Storm Dynamics			
10:20 - 10:40 AM	19	Steven Jayne	An Inverse Method to Determine the Track of Hurricane Erin
10:40 - 11:00 AM	20	Dan Stern	Using Large-Eddy Simulations with Realistic Environmental Flo to Understand Tornado-Scale Vortices and Extreme Near-Surface Wind Gusts
11:00 - 11:20 AM	21	Juhyun Lee	Tropical Cyclone Boundary Layer Dropsonde Reconstruction using Aircraft Observations and Machine Learning
11:20-11:50	**Discussion**	**Discussion**	**Disucssion on Wind-Wave-Current Misalignment led by Benjamin Jaimes de la Cruz**
LUNCH 11:50 AM - 1:00 PM			
Session 7 Field Operations & Platforms			
1:00-1:20 PM	22	Joseph J Cione	NOAA's Use of Emerging Tech in TCs
1:20 - 1:40 PM	23	Martha schonau	Observing Hurricanes with Air-Deployed Directional Wave Spectra Drifters: Can Hurricane Wave-Field Variability Inform Observational Strategy?
1:40- 2:00 PM	24	Beth Sanabia	SASCWATCH buoy deployments - 2025 review & 2026 preview
2:00-2:30 PM	**Discussion**	**Discussion**	**Disucssion on Ocean Current Measurement Strategies led by Johna Rudzin**
BREAK 2:30 - 3:00 PM			
3:00 - 4:00 PM	**Discussion**	**Discussion**	**Field Operations Discussion and Planning led by Beth Sanabia**
END OF DAY 2			
Wednesday (June 3rd)			
Coffee and Pastries 8:30 am - 9 am (Central Time)			
9:00 - 10:00 AM	**Discussion**	**Discussion**	**More Field Operations Discussion and Planning led by Beth Sanabia**
BREAK 10:00 AM - 10:15 AM			
10:15 - 11:00 AM	**Discussion**	**Discussion**	Wrap Up, Action Item, and Next Steps
END OF WORKSHOP			