

SASCWATCH WORKSHOP 2025 AGENDA		
In-person: CIRA Commons at Colorado State University (3915 Laporte Ave, Fort Collins, CO) Virtual: https://zoom.us/j/98172803087?pwd=AbSNe9Ge7HFqQOuW0GzTmsJa9TjdjZ.1 Meeting ID: 981 7280 3087 Passcode: 607410		
Monday 06/30		
Registration & Coffee 8:30 am - 9 am (All times Mountain Daylight Time)		
Session 1		
9:00 - 9:05 AM	Michael Bell	Welcome and Logistics
9:05 - 9:20 AM	Josh Cossuth, Dan Eleuterio, and Anna Wilson	ONR Updates
9:20 - 9:35 AM	David Richter	SASCWATCH Overview and Updates
9:35 - 9:55 AM	Alex Brown	Collocated Measurements in the High Wind Environment
9:55 - 10:15 AM	Bia Villas Boas	Modeling, theory, and observations of wave-current-wind interactions
BREAK 10:15 AM - 10:40 AM		
Session 2		
10:40 - 11:00 AM	Dan Stern	Overview of COAMPS-TC Support for SASCWATCH
11:00 - 11:20 AM	David Richter	LES of the spray-laden hurricane boundary layer
11:20 - 11:40 AM	Michael Bell	Merging hurricane boundary layer theory, modeling, and observations
11:40 - 12:00 PM	Meghan Stell	Aircraft data analysis of Hurricane Lee
LUNCH BREAK 12:00 - 1:10 PM		
Session 3		
1:10 - 1:30 PM	Henry Potter	Estimates of Momentum Flux from Wave Spectra
1:30 - 1:50 PM	Jake Davis	Ocean surface wave slope observations in hurricanes
1:50 - 2:10 PM	Martha Schonau	Measuring Hurricane Waves with A-size Directional Wave Spectra Drifters (ADWSDs): Data processing in a chaotic environment
2:10 - 2:30 PM	Johna Rudzin	Examining sources of surface drag coefficient variability from atmospheric and wave observations
BREAK 2:30 - 3:00 PM		
Session 4		
3:00 - 3:20 PM	Alexander DesRosiers	Tropical Cyclone Surface Winds From Aircraft With a Neural Network
3:20 - 3:40 PM	Juhyun Lee	Machine Learning for TC Wind Analysis
3:40 - 5:00 PM	Science Plan Discussion -- what are the open questions and how can we address them in SASCWATCH?	
END OF DAY 1		
Group Dinner at Penrose Taphouse & Eatery, 216 N College Ave #110, Fort Collins, CO		

Tuesday 07/01		
Session 4 Air-Sea Interaction		
8:30 - 8:50 AM	Milan Curcic	Wave tearing by wind
8:50 - 9:10 AM	Nick Shay and Benjamin Jaimes de la Cruz	Surface moisture flux in the most intense North Atlantic hurricanes relative to ocean features.
9:10 - 9:30 AM	Greg Foltz	Drag coefficient and its sea state dependence in hurricanes from four years of saildrone observations
9:30 - 9:50 AM	Lev Looney	Coordinating CHAOS: A multi-platform air-sea view within Hurricanes
BREAK 9:50 AM - 10:20 AM		
Session 5 sUAS Measurements		
10:20 - 10:40 AM	Christopher Deloach	Direct observations of Surface fluxes and air-sea exchange coefficients in low winds using small uncrewed aircraft systems
10:40 - 11:00 AM	Jun Zhang	Uncrewed aircraft observations of turbulent structure of the hurricane boundary layer
11:00 - 11:20 AM	Josh Wadler	Calculation of the Drag Coefficient Using 2024 sUAS Hurricane Data
11:20 - 11:40 AM	Joseph Cione	NOAA Emerging Technologies Tropical Cyclone Project Update: results from 2024, plans for 2025
11:40 - 12:00 PM	sUAS Discussion	
LUNCH BREAK 12:00 - 1:00 PM		
Session 6		
1:00 - 1:20 PM	Heather Holbach	NOAA's APHEX Hurricane Field Program
1:20 - 1:40 PM	Steven Jayne	Field operations planning and logistics
1:40 - 2:00 PM	Beth Sanabia	SASCWATCH 2025 Operations Plan
2:00 - 2:30 PM	Field Operations Discussion and Planning	
BREAK 2:30 - 3:00 PM		
3:00 - 4:00 PM	Field Operations Discussion and Planning	
END OF DAY 2		
Wednesday 07/02		
8:30 - 9:10 AM	Science Wrap-up	
9:10 - 9:50 AM	Field Operations Wrap-up	
BREAK 9:50 AM - 10:00 AM		
10:00 - 11:00 AM	Action Items & Next Steps	
END OF WORKSHOP		