

SOUTHEAST ACOUSTICS CONSORTIUM WORKSHOP AND FORUM
Florida Fish and Wildlife Research Institute, St. Petersburg, Florida, 11-13, 2022

Tuesday October 11, 2022

1:00 PM	Arrive		
1:30	Welcome and Introductions	Ben Binder, Kevin Boswell, Luke McEachron, and Chris Taylor	FIU, FL FWCC, NOAA NCCOS
1:45	Welcome Keynote	Jeff Condiotty - Words of wisdom from a career in the biz	
2:30	Jeremy Risley	Trial by Fire: Developing a Statewide Reservoir Hydroacoustics Program	
2:45	Ted Switzer and Sean Keenan	Incorporating acoustic technologies into fishery-independent video surveys of reef fishes in the Gulf of Mexico: potential approaches to addressing critical data needs	
3:00	Alejandro Acosta	Update on spawning aggregation research at Western Dry rocks region	
3:15	Poster Introductions and Coffee Break		
3:45	Kevin Boswell	Update on mesopelagic research in the Gulf of Mexico	
4:00	Allison White	Mobile Acoustic Surveys of localized fish aggregations: design and model-based approaches	
4:15	Harrison Clark	Community-Sourced Bathymetry: A Tampa Bay Demonstration	
4:30	Chris Taylor	Application of Flexview imaging sonar to track herring schools in SE Alaska	
4:45	Chad Lembke and Alex Silverman	Update on glider integrated echosounders	
5:00	Ben Binder	Afternoon wrap-up, plans for tomorrow, and social event kick-off	


6:00	Social at Big Catch at Salt Creek (6-9pm)		
 			
1500 2nd St S Saint Petersburg, FL 33701			

Wednesday October 12, 2022

8:30 AM	Arrive	
Student Talks and Technology News		
9:00	Ben and Kevin	Recap and Plan for Day
9:15	Alex Ilich	Multiscale DTM: An Open-Source Tool to Calculate Terrain Attributes from Multibeam Bathymetry at Multiple Spatial Scales
9:30	Yonggang Liu	Coordinated Coastal Ocean Circulation Observing, Modeling and Applications on the West Florida Shelf
9:45	Caroline Woodward	Deep Learning and Passive Acoustics: Applications for Fisheries Independent Studies and Species Management
10:00	Haley Glasmann	Diving into the Deep Scattering Layer: A high resolution investigation of mesopelagic micronekton
10:10	Nick Tucker	Environmental factors affecting micronekton and plankton in the Rice's whale (<i>Balaenoptera ricei</i>) habitat: an acoustic approach
10:20	Coffee Break	
10:45	Toby Jarvis (Echoview)	Whats new with Echoview
11:00	Jeff Condiotty (Kongsberg)	Whats new with Kongsberg
11:15	Toby Jarvis (Echoview)	Whats new with Echoview
11:30	Tonny Algrøy	Blue Insight - Kongsberg Maritime
11:45	Samantha Bruce	Kongsberg Flexview and M3 developments
12:00	Lunch	

The Acoustics Lounge	
2:00-5:00	SOCIAL HOUR AT USF STUDENT UNION – FREE BEVERAGES!
A catch up among friends and colleagues. Where has work taken you since the last SEAC and where is fisheries acoustics headed? This is an informal gathering to discuss big ideas and obstacles in the field. A special thanks to Ted Switzer and Sean Keenan for the hard work put into the brews!	

Thursday October 13, 2022

8:30 AM	Arrive	
Dockside Gear Demonstrations		
9:00-12:00	Meet us out the dock (red circle) to get a look at various gear employed by members of the SEAC community. This year the team will be deploying splitbeam echosounders and going over calibration techniques, taking a look at the slocum echosounder integration process, testing out the Kongsberg Flexview imaging system, and visiting Sail Drone to take a look at their new autonomous survey system.	



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 Thank you for being here.