

Time	Name	Organization	Title
8:00 – 8:45am	Coffee and registration		
8:45am	Greg Johnson	RBR	Introduction
9:10am	Rocky Geyer	WHOI	High-resolution measurements of estuarine and plume fronts - combining a towed array with rapid vertical profiling
9:30am	Ngozi Margaret Oguguah	Nigerian Institute for Oceanography and Marine Research	Monitoring pollution in a tropical lagoon
9:45am	Camilla Tognacchini	University of Hawai'i of Manoa	West Maui - A Stellar Example of Spatial Variability of the Wave-Driven Components of Runup and Inundation
10:00am	Camille Grimaldi	University of Western Australia	Hydrodynamic study of a coral reef atoll in Northwestern Australia
10:15am	Astrid Vargas Solis	Moffatt & Nichol	Monitoring water levels for wetland restoration efforts in Southern California
10:30am	Coffee break		
11:00am	Mark Halverson	RBR	Glider and profiling float CTD dynamic performance and correction algorithms through a strong thermocline
11:15am	Eric Siegel	RBR	Assessment of RBRcoda T.ODO performance on long-term mooring and vertical profiling
11:30am	Clark Richards	DFO	The instrumented Arctic: strategies for remote observing systems in seasonally ice-covered waters
11:45am	Eric Oliver	Dalhousie University	Community-based observing of the coastal ocean in Nunatsiavut
12:00pm	Allison Cusick	Scripps Institution of Oceanography	Polar tourism as an effective research tool - citizen science in the western Antarctic Peninsula
12:15pm	Lunch		
1:00pm	Rui Zhang	RBR	Data processing with RSKtools
1:15pm	Candace Smith	RBR	Wi-Fi and GPS tracking with Ruskin Mobile app
1:30pm	Chris Kontoes	Del Mar Oceanographic	Multi parameter data collection and realtime telemetry from the Wirewalker, an autonomous wave powered profiler
1:45pm	Nery Contti Neto	University of Western Australia	Wave attenuation due to seagrass meadows
2:00pm	Greg Curtiss	Blue Coast Engineering	Measurements of fetch limited wind-waves at Lone Tree Lagoon, Puget Sound, WA
2:15pm	Alexander Rey	Queen's University	Real-time high-resolution forecasting of the coastal ocean during a hurricane
2:30pm	Coffee break		
3:00pm	Mary Carmen Ruiz	UABC Marine Science	Hydrographic conditions in Todos Santos Bay, Baja California, Mexico and the monitoring of harmful algal blooms.
3:15pm	Mathieu Dever	WHOI / RBR	Development of a new towed profiler for profiling oceanic physical-biological properties from an underway ship: The EcoCTD.
3:30pm	Daisuke Hasegawa	Japan Fisheries Research and Education Agency	Development of an Undulating Towed sensor Array (UTA)
3:45pm	Stephan Howden	The University of Southern Mississippi	Using RBR CTDs For Water Space Characterizations in The 4-D Ocean Cube
RBR2020 Cohort Presentations			
4:00pm	Océane Boulais	MIT	Modular toolkit for ocean citizen explorer
4:05pm	Jeffrey Coogan	Dauphin Island Sea Lab / USA	Observations of stratification and dissolved oxygen dynamics driving hypoxia in shallow estuaries
4:10pm	Yana Bebieva	Florida State University	Evolution of ocean double-diffusive staircase structures in a turbulent environment
4:15pm	Derek Roberts	San Francisco Estuary Institute	Characterizing suspended sediment patterns on the south San Francisco Bay shoal
4:20pm	Seth Bushinsky	University of Hawaii at Manoa	Understanding oxygen optode in-air measurement anomalies and impact on calibration

4:25pm	Alice Della Penna	APL-UW / UBO	Sampling ocean dynamics at a high-resolution from non-conventional research vessels
4:30pm	Patrick Fulton	Cornell University	Developing next generation sub-seafloor observatories to characterize processes associated with earthquakes, landslides, and other geo-hazards
4:35pm	Travis Miles	Rutgers University	Empirical corrections to thermal lag on ocean gliders
4:40pm	Megan Williams	Universidad Tecnica Federico Santa Maria	Complementing robust estuarine measurements with low-cost sensors: toward expanding hydrodynamic and sediment measurements on the Chilean coast
4:45pm	Tamara L Schlosser	Scripps Institution of Oceanography	Along isopycnal changes in nitrate due to irreversible mixing and nutrient uptake
4:50pm	Anna Michel	Woods Hole Oceanographic Institution	Understanding greenhouse gas dynamics throughout the land-to-ocean continuum in the Arctic
4:55pm	William Burt	University of Alaska Fairbanks	Collecting key meta-data at a remote coastal station and sensor development at an Ocean Observatory
5:00pm	Jackson Chu	Memorial University of Newfoundland	Pairing high-resolution habitat measurements with biodiversity response metrics