Arctic Workshop				
	Time	**TItle**	**Attending/Remote**	**Organization**
	Wednesday, 19 March			
Matthew Dzieciuch	8:55	Welcome		
Kyle Becker	9:00	ONR Ocean Acoustics Program - Introduction to the ONR OA Program and its focus areas with connections to the Arctic.	R	ONR
Matthew Dzieciuch/ Hanne Sagen	9:10	Overview of Arctic Acoustic projects, research, and collaboration.	Y	SIO/NERSC
John Colosi	9:45	Beaufort duct propagation and ice loss	Y	WHOI
Agnieska BM	10:15	Oceanographic measurements at the moorings north of Svalbard in 2012-2024	Y	IOPAN
	10:45	break		
Emmanuel Skarsoulis	11:00	Acoustic observables and inversions of synthetic and CAATEX data	R	FORTH
Hunter Akins	11:30	Modal group delay inversions of CAATEX transmissions across the Canada Basin	Y	SIO
	12:00	Lunch		
Espen Storheim	13:00	Sound propagation and geo-localization with CAATEX data	Y	NERSC
Lora Van Uffelen	13:30	Acoustic propagation and geo-positioning in the Arctic	Y	URI
Dan Rudnick	14:00	Acoustic float tracking in the Beaufort Sea		SIO
	14:15	break		
YT Lin	14:45	Overview of SW CANAPE Shelfbreak Acoustic Array Data	Y	SIO
Kathleen Wage	15:15	Performance Weighted Blended Mode Filtering Applied to the CAATEX Data Set	Y	GMU
Heriberto Vazquez	15:45	Revised seawater sound speed equation with uncertainty quantification and including information from deep acoustic transmissions	Y	SIO
	16:15	end		
	18:00	Dinner at the Worcesters		
	Thursday, 20 March			
Bruce Cornuelle	9:00	Intro		SIO
Philippe Blondel	9:10	Soundscapes of the CAATEX and UNDERICE datasets - Biodiversity, ice processes and human impacts	R	Bath
Yiguo Wang	9:40	Climate Reconstruction and Arctic Sea Ice Prediction Using NorCPM	R	NERSC
Anders Tengberg	10:10	Hanging around at the North Pole: gradients of oxygen, salinity, temperature, particles, and currents below the ice	R	Xylem
	10:40	break		
Gordon Zhang	11:10	Mesoscale and submesoscale variability of the Pacific Summer and Winter Water layers in the Beaufort Sea	R	WHOI
Tim Duda	11:40	Sound propagation implications of Beaufort Sea Pacific Water layer variability	R	WHOI
	12:10	Lunch		
Helene Langehaug	13:00	Constraining CMIP6 estimates of future Arctic Ocean temperature and salinity	R	NERSC
Siobhan Niklasson	13:30	Coupling Arctic Ocean Observations and the Energy Exascale Earth System Model to an Acoustic Model	Y	LANL
	14:00	break		
Kathy Vigness	14:30	Risk assessment/ EAR	Y	Inspire
Nick Chotiros	15:00	Normal-incidence bottom reflection data from CAATEX		
Stein Sandven	15:30	Engagement of subsea industry in Arctic Ocean observing systems	Y	NERSC
Hanne Sagen/ Matthew Dzieciuch	16:00	Upcoming field experiments and new project initiatives (national and international)		
	17:00	end		
	Friday, 21 March			

	9:00	The UAK Project		
Hakon Sandven	9:30	Sea ice decline in the Barents Sea increases light availability over the last four decades	R	UIB
Anjali Narayanan	10:00	Variations in phytoplankton assemblages in the western Arctic seas as evidenced by changes in pigment composition and associated spectra of light absorption	Y	SIO
	10:30	break		
Borge Hamre	11:00	Useful Arctic Knowledge: Advancing Education and Research in Acoustics and Optics	Y	UIB
Espen Storheim/ Lora Van Uffelen	11:30	Primer and field work - ocean acoustics plans	Y	
	12:00	Lunch		
Sophie Gallais	13:00	Advanced Field School on Arctic Sea Ice : An Interdisciplinary and Experiential Training Opportunity	R	ULaval
Arne Kristoffersen	13:30	Researcher school Espegrend	Y	UIB
	14:00	end		

Stein Sandven/ Hanne Sagen

Session	email
	mad@ucsd.edu
Intro	
Project	
Acoustics	
Oceanography	
Inversions	
Inversions	
Localization	
Localization	
Acoustics	
Beamforming	
Acoustics	
Passive	
Models	
Oceanography	
Models	
Acoustics	
Models	
Models	
EAR	
Technology	
Discussion/ Collaboration	

Project	
Optics/UAK	
Optics	
Optics/UAK	
Acoustics/UAK	
UAK	
Optics/UAK	