

Celebration of Community Driven Sea Ice Modeling

Friday February 28, 2025

* All times are MST.

Time	Topic	Speakers
08:50	Welcome	Dave Bailey, Alice DuVivier, Marika Holland
09:00	Wave-sea ice interactions & the CICE community	Lettie Roach, AWI (online)
09:15	Impact of an explicit melt pond model on sea ice in past, present, and future climates	Danny Feltham, U. Reading (online)
09:30	A perspective on sea ice from the Danish Meteorological Institute	Till Rasmussen, DMI (online)
09:45	A perspective on sea ice from Environment Canada	Fred Dupont, ECCC (online)
10:00-10:30	Break	
10:30	CHAMMP, COSIM and Climate Model Development in DOE Laboratories	Dave Bader, DOE
10:45	In this coupled world	Andrew Roberts, DOE LANL
11:00	There be critters in the sea ice	Nicole Jeffery, DOE LANL
11:15	Wave-sea ice interactions in the E3SM	Erin Thomas, DOE LANL
11:30	Elizabeth's Early Days at Los Alamos	Jerry Brackbrill, DOE LANL (online)
11:45	History of the Equations of Fluid Dynamics	Dave Levermore, U Maryland (online)
12:00-12:30	Lunch and Picture	

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13:30	Contrasting the Summer Ronne and Winter Terra Nova Bay Polynyas	Steve Ackley, UT-San Antonio (online)
13:45	What I learned about modeling sea ice thermodynamics from Dr. Elizabeth Hunke	Cecilia Bitz, U Washington
14:00	The early history of CICE	Bill Lipscomb, NSF NCAR
14:15	Two decades of adventures on the (virtual) ice with Elizabeth Hunke	Marika Holland, NSF NCAR
14:30-15:00	Break	
15:00	The U.S. Navy's Use of CICE in its Operational Forecast Systems (earlier days)	Pam Posey, Ruth Preller NRL Stennis (online)
15:15	The U.S. Navy's Use of CICE in its Operational Forecast Systems (More recent developments and the CICE Consortium)	Rick Allard, NRL Stennis (online)
15:30	Consorting with Giants	Alice DuVivier, NSF NCAR
15:45	Highlights from RASM - a regional CICE application	Wieslaw Maslowski, NPS
16:00	Open Mic / Discussion	
16:45	Closing Remarks	Elizabeth Hunke, DOE LANL
17:00	Reception (off site)	