

Meeting AMOC Observation Needs in a Changing Climate

Wednesday, 19 July 2023

Roadmap for future AMOC observing: Oral session #1 - Room 022/023 (09:10 - 10:45)

time	[id] title	presenter
09:10	[67] Lessons learnt from Observing System reviews and perspectives on next steps	HILL, Katy
09:25	[63] High resolution ocean circulation models to understand processes and guide observations	HAINED, Thomas
09:40	[56] Nature run for AMOC investigations: What are the minimum requirements?	CHASSIGNET, Eric
09:55	[23] Interannual variability of the subpolar MOC and OSNAP array reduction experiment	FU, Yao
10:10	[61] Western Boundary Overturning Estimation: Past and Future Studies	ELIPOT, Shane
10:25	[32] Can we trust projections of AMOC weakening based on climate models that can't reproduce the past?	Dr MCCARTHY, Gerard

Roadmap for future AMOC observing: Oral session #2 - Room 022/023 (11:15 - 12:30)

time	[id] title	presenter
11:15	[60] Simulation-based approaches for quantitative observing system design	HEIMBACH, Patrick
11:30	[36] Deep Western Boundary Current variability in the Labrador Sea and its link with sea surface height variability	FRÖHLE, Jörg
11:45	[33] Meridional Connectivity of a 25-year Observational AMOC Record at 47°N	WETT, Simon
12:00	[51] A tale of two perspectives on AMOC observing needs: historical gravity and altimetry satellite missions and future Earth system simulations	WHITT, Daniel
12:15	[69] Adjoint-based Assessment of Ocean Observing Network Design in the Subpolar North Atlantic	PILLAR, Helen