

ECORD Summer School 2025

Southern Ocean – Antarctic paleoclimate interactions

	Monday 8th Sep	Tuesday 9th Sep	Wednesday 10th Sep	Thursday 11th Sep	Friday 12th Sep	Sunday 14th Sep				
9:00 - 9:15	Welcome & Introduction <i>Ursula Röhl, Dierk Hebbeln, Frank Lamy</i>	The modern Southern Ocean II <i>Marcus Gutjahr</i>	Past deep-ocean circulation II <i>Maria Toyos</i>	Surface-ocean changes (SST) <i>Andrea Jaeschke</i>	Dust and iron fertilisation <i>Gisela Winckler</i>	10:15 - 14:00 Guided tour through the medieval Hanseatic City of Bremen, then Lunch in the scenic Ratskeller (restaurant in the cellar of the City Hall)				
9:15 - 10:45	The modern Southern Ocean I <i>Alexander Haumann</i>						Bio break			
							cont.	cont.	cont.	cont.
10:45 - 11:05	Coffee break	Coffee break	Coffee break / Group photo	Coffee break	Coffee break					
11:05 - 12:45	Antarctica - modern setting <i>Claus-Dieter Hillenbrand</i>	Past deep-cean circulation I <i>Katharina Pahnke</i>	Past deep-ocean circulation III <i>Julia Gottschalk</i>	ACC paleoceanography <i>Dimitros Evangelinos</i>	Mode/intermediate water; frontal dynamics <i>Lester Lembke-Jene</i>					
	Bio break	Bio break	Bio break	Bio break	Bio break					
	cont.	cont.	cont.	ACC paleoceanography II <i>Frank Lamy</i>	cont .					
12:45 - 14:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH					
14:00 - 15:00	IODP & ECORD: Structure & objectives <i>André Bornemann , Ursula Röhl</i>	presentations by participants	presentations by participants	presentations by participants	presentations by participants					
15:00 - 15:20	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break					
15:20 - 16:00	Intro to Virtual Ship <i>Holger Kuhlmann</i>	Virtual Ship: Intro #1 <i>David de Vleeshouwer</i>	Virtual ship: Three groups (A-B-C) of ~10 students rotate for three laboratory sessions #1:Core description <i>David de Vleeshouwer, Arianna Del Gaudio</i> #2: Physical properties <i>Holger Kuhlmann, Heather Jones</i> #3: Pore water chemistry <i>Martin Kölling</i>	Virtual ship: Three groups (A-B-C) of ~10 students rotate for three laboratory sessions #1:Core description <i>David de Vleeshouwer, Arianna Del Gaudio</i> #2: Physical properties <i>Holger Kuhlmann, Heather Jones</i> #3: Pore water chemistry <i>Martin Kölling</i>	Virtual ship: Three groups (A-B-C) of ~10 students rotate for three laboratory sessions #1:Core description <i>Arianna Del Gaudio</i> #2: Physical properties <i>Holger Kuhlmann, Heather Jones</i> #3: Pore water chemistry <i>Martin Kölling</i>					
16:00 - 17:00	IODP Core curation <i>Holger Kuhlmann</i>	Virtual Ship: Intro #2 <i>Holger Kuhlmann, Heather Jones</i>								
	Guided tour through MARUM & IODP Bremen Core Repository (BCR) <i>Holger Kuhlmann , Dierk Hebbeln</i>	Virtual Ship: Intro #3 <i>Martin Kölling</i>								
17:00 - 18:00	ICEBREAKER									
18:00 - 20:00										