

ECORD Summer School 2024										
From Ridges to Flanks to Margins – Lithosphere Dynamics and Connections to Global Environmental Changes										
	Monday 2nd Sep	Tuesday 3rd Sep	Wednesday 4th Sep	Thursday 5th Sep	Friday 6th Sep	Sunday 8th Sep				
9:00 - 9:15	Welcome & Introduction Wolfgang Bach	Water-rock interactions <i>Oliver Plümper</i>	Flanks South Atlantic Transect <i>Rosalind Coggon</i>	Flanks Reykjanes Ridge <i>Anne Briaïs</i>	Ocean Core Complexes <i>Tim Schroeder</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	Introduction to ocean basement research by drilling <i>Damon Teagle</i>						Bio break	Bio break	Bio break	Bio break
							cont.	cont.	cont.	cont.
10:45 - 11:05	Coffee break	Coffee break / Group photo	Coffee break	Coffee break	Coffee break					
11:05 - 12:45	Vøring Plateau <i>Sverre Planke</i>	Melt-Rock interactions <i>Margot Godard</i>	Time constraints <i>Thomas Belgrano</i>	Magma-sediment interaction <i>Christophe Galerne</i>	Serpentinization <i>Frieder Klein</i>					
	Bio break	Bio break	Bio break	Bio break	Bio break					
	Vøring Plateau <i>John Millet</i>	cont.	cont.	cont.	cont.					
12:45 - 14:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH					
14:00 - 15:00	IODP & ECORD: Structure & objectives <i>André Bornemann</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>Millet</i>	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #1:Core description part 1 (A) <i>Planke/Millet</i> #2: Core description part 2 (B) <i>Klein/Schroeder/Belgrano</i> #3: µCT imaging (C) <i>Kahl</i>	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #1:Core description part 1 (C) <i>Planke/Millet</i> #2: Core description part 2 (A) <i>Klein/Schroeder/Belgrano</i> #3: µCT imaging (B) <i>Kahl</i>	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #1:Core description part 1 (B) <i>Planke/Millet</i> #2: Core description part 2 (C) <i>Klein/Schroeder/Belgrano</i> #3: µCT imaging (A) <i>Kahl</i>					
16:00 - 17:00	IODP Core curation <i>Holger Kuhlmann</i>	Virtual Ship: Intro #2 <i>Klein, Belgrano</i>								
	Guided tour through MARUM & IODP Bremen Core Repository (BCR) <i>Holger Kuhlmann</i>	Virtual Ship: Intro #3 <i>Kahl</i>								
17:00 - 18:00	ICEBREAKER									
18:00 - 20:00										

	Monday 9th Sep	Tuesday 10th Sep	Wednesday 11th Sep	Thursday 12th Sep	Friday 13th Sep				
9:00 - 9:15	Exp402 Tyrrhenian Sea <i>Walter Menapace</i>	Downhole Logging <i>Andrew McIntyre</i>	Exp399 Atlantis Massif <i>Andrew McCaig</i>	µCT and SEM imaging <i>Andrew McCaig</i>	Writing IODP/ECORD proposals <i>McCaig, NN</i>				
9:15 - 10:45						Bio break			
						cont.	cont.	cont.	cont.
10:45 - 11:05	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break				
11:05 - 12:45	Carbonation <i>Wolfgang Bach</i>	Downhole Logging <i>Andrew McIntyre</i>	Modeling <i>Marta Perez Gussinye</i>	Deep Life <i>Florence Schubotz</i>	Writing IODP/ECORD proposals <i>McCaig, NN</i>				
	Bio break	Bio break	Bio break	Bio break	Bio break				
	cont.	cont.	Modeling <i>Javier Pintado Garcia</i>	cont.	cont.				
12:45 - 14:00	LUNCH	LUNCH	LUNCH	LUNCH	Summer School debriefing and farewell end approx. 13:30				
14:00 - 15:00	presentations by participants	presentations by participants	presentations by participants	presentations by participants					
15:00 - 15:20	Coffee break	Coffee break	Coffee break	Coffee break					
15:20 - 16:00	Virtual Ship: Intro #4 Kopf	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #4: Shipboard techniques for physical properties (A) <i>Kopf/Zhang</i> #5: Core description part 3 (B) Albers/Bach #6: Thin section microscopy (C) <i>McCaig/Klügel</i>	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #4: Shipboard techniques for physical properties (C) <i>Kopf/Zhang</i> #5: Core description part 3 (A) Albers/Bach #6: Thin section microscopy (B) <i>McCaig/Klügel</i>	Virtual ship: Three groups (A-B-C) of ~8 students rotate for three laboratory sessions #4: Shipboard techniques for physical properties (B) <i>Kopf/Zhang</i> #5: Core description part 3 (C) Albers/Bach #6: Thin section microscopy (A) <i>McCaig/Klügel</i>					
16:00 - 17:00	Virtual Ship: Intro #5 Albers								
	Virtual Ship: Intro #6 Klügel								
17:00 - 18:00									
18:30 - ...				FAREWELL DINNER					