

ECORD Summer School 2017 - Current-Controlled Sea Floor Archives: Coral Mounds and Contourites

	Monday 21 st Aug	Tuesday 22 nd Aug	Wednesday 23 rd Aug	Thursday 24 th Aug	Friday 25 th Aug	Sunday
9:00 - 9:15	Welcome & Info & Introduction <i>Dierk Hebbeln, David van Rooij</i> ----> 9:30	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Excursion guided city tour through Bremen
09:15 - 10:45	Introductory lectures The geobiology of cold-water corals <i>André Freiwald</i>	Introductory lectures The impact of internal waves on sedimentary systems <i>Luis Pomar</i>	Introductory lectures Processes of contourite formation <i>Javier Hernandez Molina</i>	Case Study IODP Leg 339: Contourites in the Gulf of Cadiz <i>Javier Hernandez Molina</i>	The contourite record Economic significance of contourites <i>Dorrik Stow</i>	
10:45 - 11:00	coffee break	Group photo & coffee break	Mapping Seismic imaging of contourites & coral mounds <i>David van Rooij</i>	coffee break	coffee break	
11:00 - 12:30	Introductory lectures Contourites an overview <i>Michele Rebesco</i>	Introductory lectures The interaction between hydrodynamics and seafloor topography <i>Furu Mienis</i>	coffee break Mapping High-resolution imaging of contourites <i>Tilmann Schwenk</i>	The mound record The cold-water coral archive <i>Jacek Raddatz</i>	The contourite record Reading fossil contourite records <i>Heiko Hünecke</i>	
12:30 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
13:30 - 15:00	IODP & ECORD: Structure & objectives and intro to "Virtual Ship" <i>Ursula Röhl, Rudy Stein</i>	presentations by participants	presentations by participants	presentations by participants	Fossil contourite practical <i>Heiko Hünecke</i>	
15:00 - 15:15	tea break	tea break	tea break	tea break	tea break	
15:15 - 18:00	IODP core curation <i>Holger Kuhlmann</i>	Intro - Lab turn #1: Core description <i>Rüdiger Stein</i>	Virtual Ship Lab turn #1, #2 and #3 in three rotating groups	Virtual Ship Lab turn #1, #2 and #3 in three rotating groups	Virtual Ship Lab turn #1, #2 and #3 in three rotating groups	
	Guided tour through MARUM & IODP Bremen Core Repository <i>Dierk Hebbeln, Holger Kuhlmann</i>	Intro - Lab turn #2: Core splicing <i>Anna Joy Drury</i>				
		Intro - Lab turn #3: Seismic interpretation <i>David van Rooij, Tilmann Schwenk</i>				
18:00 -	Icebreaker					

	Monday 28 th Aug	Tuesday 29 th Aug	Wednesday 30 th Aug	Thursday 31 st Aug	Friday 1 st Sep
9:00 - 9:15	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Revision of previous day's material by the participants	Revision of previous day's material by the participants
09:15 - 10:45	Case Study IODP Leg 307: Coral Mounds off Ireland <i>Tim Ferdelman</i>	The mound record The long-term coral mound development <i>Dierk Hebbeln</i>	Virtual Ship group activity Downhole logging <i>Johanna Lofi</i>	The contourite record Reading the contourite paleoceanographic signal <i>Nick McCave</i>	IODP proposal writing <i>Ursula Röhl, Rüdiger Stein</i>
10:45 - 11:00	coffee break	coffee break	coffee break	coffee break	coffee break
11:00 - 12:30	Mapping Mapping coral mounds by MBES and ROV <i>Gregor Eberli, Claudia Wienberg</i>	The mound record Coral mounds as carbonate factories <i>Jürgen Titschack</i>	Virtual Ship group activity Downhole logging (cont.) <i>Johanna Lofi</i>	Strong currents make good neighbours: contourites and coral mounds Round-up Discussion <i>Dierk Hebbeln et al.</i>	cont.
12:30 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	Wrap up
13:30 - 15:00	presentations by participants	presentations by participants	presentations by participants	Reaching the public: journalistic basics <i>Ulrike Prange</i>	
15:00 - 15:15	tea break	tea break	tea break	LIVE event with JOIDES Resolution , IODP Leg 371 tea break	
15:15 - 18:00	Intro - Lab turn #4: Physical properties & core scanning <i>Daniel Hepp, Holger Kuhlmann, Patricia Geprägs</i>	Virtual Ship Lab turn #4, #5, and #6 in three rotating groups	Virtual Ship Lab turn #4, #5, and #6 in three rotating groups	Virtual Ship Lab turn #4, #5, and #6 in three rotating groups	
	Intro - Lab turn #5: Core description: contourite & coral cores <i>Gregor Eberli, Claudia Wienberg</i>				
	Intro - Lab turn #6: Pore water geochemistry <i>Luzie Schnieders</i>				
18:00 -				Farewell Dinner	