

ECORD Summer School 2013 - Deep-Sea Sediments: From Stratigraphy to Age Models"

1 Week (Sept 9-14)

	Monday Sep 09	Tuesday Sep 10	Wednesday Sep 11	Thursday Sep 12	Friday Sep 13	Saturday Sep 14			
9	Welcome <i>Hebbeln</i>	Rev. of prev. day's contents	Rev. of prev. day's contents	Rev. of prev. day's contents	Rev. of prev. day's contents	<p>Sep 14</p> <p>Field trip to the German Natural Oil Museum in Wietze</p>			
	<p>Introduction:</p> <p>The concept of geological time</p> <p>Stratigraphy in the context of scientific drilling</p> <p><i>Kucera, Pällike</i></p>	<p>Biostratigraphy</p> <p>Chronostratigraphy</p> <p><i>Bohaty, Kucera, Raffi</i></p>	<p>Quantitative integrated stratigraphy: CONOP</p> <p>Introduction</p> <p><i>Sadler</i></p>	<p>Quantitative integrated stratigraphy: in PAST: Unitary Associations</p> <p>Introduction</p> <p><i>Hammer</i></p>	<p>Case studies of age models constraining Earth system processes <i>Shakun</i></p>				
10					coffee		coffee	coffee	coffee
					<p>Chemostratigraphy</p> <p>Magnetostratigraphy</p> <p><i>Voigt, Frederichs</i></p>		<p>Biostratigraphy (cont.)</p> <p><i>Bohaty, Kucera, Raffi</i></p>	<p>Quantitative integrated stratigraphy: CONOP</p> <p>Practical</p> <p><i>Sadler</i></p>	<p>Quantitative integrated stratigraphy: in PAST: Unitary Associations</p> <p>Practical</p> <p><i>Hammer</i></p>
11	coffee	coffee	coffee	coffee					
12					<p>Core description</p> <p>Physical properties</p> <p>Biostratigraphy I</p>				
13	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH				
14									
	<p>IODP & ECORD: Structure, objectives and Intro to "Virtual Ship"</p> <p><i>Erbacher, Röhl</i></p>	<p>presentations by participants</p>	<p>presentations by participants</p>	<p>presentations by participants</p>	<p>presentations by participants</p>				
15	<p>IODP core curation</p> <p><i>Hale</i></p>	<p>Virtual Ship</p> <p>Downhole logging integration</p> <p><i>Davies</i></p>	Tea break	Tea break	Tea break				
	Tea break		<p>Intro - Virtual Ship Lab#1</p> <p>Core description <i>Stefan Steinke, Gema Martinez-Mendez</i></p>	<p>Virtual Ship</p> <p>Lab turn #1</p> <p>in three rotating groups</p>	<p>Virtual Ship</p> <p>Lab turn #3</p> <p>in three rotating groups</p>				
16	<p>Guided tour trough MARUM & IODP Bremen</p> <p>Core Repository</p> <p><i>Hebbeln & Hale</i></p>		<p>Intro - Virtual Ship Lab#2</p> <p>Phys prop <i>Röhl</i></p>						
17		<p>Intro - Virtual Ship Lab#3</p> <p>Biostratigraphy I</p> <p><i>Bohaty, Raffi</i></p>	<p>Core description</p> <p>Physical properties</p> <p>Biostratigraphy I</p>				<p>Core description</p> <p>Physical properties</p> <p>Biostratigraphy I</p>		
	<p>ICEBREAKER</p>	<p>Virtual Ship</p> <p>Downhole logging integration</p> <p><i>Davies</i></p>							
18									

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2 Week (Sept 16 - 20)

	Monday	Tuesday	Wednesday	Thursday	Friday
	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20
9	Rev. of prev. day's contents	Rev. of prev. day's contents	Rev. of prev. day's contents	Rev. of prev. day's contents	Rev. of prev. day's contents
10	Stratigraphic information in databases Introduction <i>Lazarus, Wallrabe-Adams</i>	Milankovich theory <i>Pälike</i>	Time-series analyses of geological records Introduction <i>Pälike</i>	Probabilistic age modelling <i>Telford</i>	IODP proposal writing <i>Pälike, Röhl, Stein</i>
11	coffee	coffee	coffee	coffee	coffee
12	Stratigraphic information in databases Practical <i>Lazarus, Wallrabe-Adams</i>	Cyclostratigraphy and orbital tuning <i>Meyers</i>	Time-series analyses of geological records Practical <i>Pälike, Meyers</i>	Probabilistic age modelling <i>Telford</i>	IODP proposal writing cont. <i>Pälike, Röhl, Stein</i> Wrap up & Award Farewell
13	LUNCH	LUNCH	LUNCH	LUNCH	
14	presentations by participants	presentations by participants	presentations by participants	presentations by participants	
15	Tea break	Tea break	Tea break	Tea break	
16	Intro - Virtual Ship Lab#4 XRF <i>Röhl</i> & Core splicing <i>Westerhold</i>	Virtual Ship Lab turn #4 in three rotating groups XRF & Core splicing Pore water analysis Biostratigraphy II	Virtual Ship Lab turn #5 in three rotating groups XRF & Core splicing Pore water analysis Biostratigraphy II	Virtual Ship Lab turn #6 in three rotating groups XRF & Core splicing Pore water analysis Biostratigraphy II	
17	Intro - Virtual Ship Lab#5 Pore water analysis <i>Kölling</i>				
18	Intro - Virtual Ship Lab#6 Biostratigraphy II <i>Kucera</i>				
				BARBEQUE	