

# Status Conference Research Vessels 2022

## Agenda

**Date: February 22, 2022**

Start Time	Activity Detail	Presenter/ Responsible			
8:45 AM	<b>Login</b>				
9:00 AM	<b>Opening Plenary Session</b>	BMBF K. Pahnke / ICBM C. Hübscher / GPF			
9:30 AM	<b>Overview Talk:</b> EMB206, EMB209, EMB213, EMB218, EMB224 - The hydrographic-hydrochemical and biological state of the Baltic Sea in 2019 and the variability and ecosystem changes on long time scales	M. Naumann, J. Dutz and J. Kuss			
10:15 AM	BREAK				
<b>Session Marine Geology</b>			<b>Session Oceanography</b>		
Session Chairs: T. Nagel and C. Hübscher			Session Chair: J. Baehr and A. Beszczynska-Möller		
Start Time	Activity Detail / Topic	Presenter	Start Time	Activity Detail / Topic	Presenter
10:30 AM	MSM86 - Results from MSM86 to the Vesteris Seamount	W. Bach	10:30 AM	M145 - Oxygen and circulation variability in the central and western tropical Atlantic and M158 - Trans-Atlantic Equatorial cruise I	P. Brandt
10:50 AM	SO263 - Tonga Rift / Volcanism, hydrothermal activity and vent biology	K. Haase	10:50 AM	M148 - Eastern boundary circulation and upwelling off Angola, tropical Atlantic overturning circulation	M. Dengler
11:10 AM	SO270 – The demise of a tropical reef system (Saya de Malha Bank, Indian Ocean)	C. Betzler	11:10 AM	MSM61 - Spatio-temporal variability of biogeochemical, physical and ecological parameters at Senghor Seamount	B. Fiedler
11:30 AM	SO266/1 - Methane hydrate deposits offshore Taiwan – Results from MeBo cores drilled during the R/V SONNE cruise	G. Bohrmann	11:30 AM	SO269 - South China Sea-natural laboratory under climatic and human induced stress	J. Waniek
11:50 AM	SO268 – Nodule Monitoring Assessing the impacts of nodule mining on the deep-sea environment	M. Haeckel	11:50 AM	M159 – Circulation off Brazil	M. Visbeck
12:10 PM	LUNCH BREAK				
<b>Session Marine Geology</b>			<b>Session Oceanography</b>		
Session Chair: K. Sigloch and U. Barckhausen			Session Chair: H. Sagen and K. von Schuckmann		
1:10 PM	SO265 - Papanin Ridge and Ojin Rise Seamounts (Northwest Pacific): Dual Hotspot Tracks formed by the Shatsky Mantle Plume	A. Dürkefälden	1:10 PM	MSM74 – Western Subpolar North Atlantic Variability and MSM89 – the ocean mesoscale component in the EUREC4A++ field study	J. Karstensen
1:30 PM	MSM82 - Rio Grande Rise	K. Haase	1:30 PM	MSM76 - Nordic Seas Exchanges	T. Kanzow
1:50 PM	M146 - Henry Seamount Seepage Exploration	A. Klügel	1:50 PM	MSM73 and MSM83 - Sustained observations of the Atlantic Meridional Overturning Circulation at 47°N	C. Mertens
2:10 PM	M152/2 - Structural evolution and disintegration of oceanic intraplate volcanoes: The Bathymetrists Seamount Province and its relation to Sierra Leona Rise (eastern equatorial Atlantic)	C. Hübscher	2:10 PM	MSM85 - Submarine meltwater around Greenland	C. Mertens
2:30 PM	MSM78 - Strategies for Environmental Monitoring of Marine Carbon Capture and Storage – PERMO2	C. Berndt	2:30 PM	M161 - Contributions to EUREC4A	W. Mohr
2:50 PM	COFFEE BREAK				
<b>Session Marine Geology</b>			<b>Session Oceanography</b>		
Session Chair: C. Berndt and R. Schneider			Session Chair: K. von Schuckmann and J. Baehr		
3:05 PM	POS535 and POS524 - Geoscientific Investigations of Hydrothermal Sites along the Arctic Mid-Oceanic Ridge during Cruises POS535 (Loki2GrimseyEM) and POS524 (GrimseyEM)	S. Hölz	3:05 PM	M156 - Role of Eddies in the Carbon Pump of Eastern Boundary Upwelling Systems (MOSES Eddy Study I)	S. Sommer
3:25 PM	MSM70 - Detailed Mapping and Sampling of the Bathymetrists Seamounts and Adjacent Fracture Zones	N. Augustin	3:25 PM	M160 - Role of Eddies in the Carbon Pump of Eastern Boundary Upwelling Systems (MOSES/REEBUS Eddy Study II)	A. Körtzinger
3:45 PM	MSM79 - Preliminary results: Marine carbon production, export, relocation and degradation off NW Africa and Carbon release from thawing permafrost of the European tundra	K. Zonneveld	3:45 PM	MSM72 - Variability and Trends in Physical and Biogeochemical Parameters of the Mediterranean Sea	T. Tanhua
4:05 PM	POS531 - Benthic-pelagic coupling in sandy sediment regions and its interactions with the biological carbon in the open ocean	M. Iversen	4:05 PM	SO267/2 - On the road across the Pacific with underway measurements	O. Zielinski
End of Sessions					
4:30 PM	Plenary Session: Other Programms				
4:30 PM	The DAM-Project "Underway"-Data	G. Wiemer			
4:45 PM	BREAK				
5:00 PM	<b>Poster Presentation</b>				
7:00 PM	End of First Day				

Hinweis: Falls Sie nicht mit der Veröffentlichung Ihres Namens in dieser Agenda einverstanden sind, wenden Sie sich bitte an Claudia.Mueller@helmholtz.de bzw. d.roessler@fz-juelich.de.  
Attention: If you disagree with the publication of your name on this agenda, please contact Claudia.Mueller@helmholtz.de or d.roessler@fz-juelich.de

Date February 21, 2022

# Status Conference Research Vessels 2022

## Agenda

Date: February 23, 2022

Start Time	Activity Detail	Presenter/ Responsible	Start Time	Activity Detail / Topic	Presenter
8:15 AM	<b>Login</b>		Parallel Sessions		
<b>Session Marine Geology</b> Session Chair: R. Larter and T. Nagel			<b>Session Marine Biology</b> Session Chair: T. Gissel Nielsen and NN		
8:30 AM	M154 - Investigation of sector collapse deposits in the Bouillante-Montserrat Graben: Sector collapse kinematics and tsunami implications	K. Huhn	8:30 AM	MSM80 - Coastal Upwelling System in a Changing Ocean (CUSCO)	H. Auel
8:50 AM	M155 - The tsunamigenic gravitational flank collapse of Fogo volcano, Cape Verde Islands and MSM87 - Seismic pre-site survey for an IODP site on the Cape Verde Plateau	S. Krastel	8:50 AM	M148/2 - EreBUS: Processes Controlling Greenhouse Gas Emissions from the Benguela Upwelling System	T. Ferdelman
9:10 AM	MSM82/2 - Morphology of the headwall area of the Sahara slide (NW-Africa); Measuring Over Ocean References; Mapping sequences to protists morphospecies from the Atlantic	S. Krastel	9:10 AM	AL521 and AL522 – Baltic Sea Integrative Long-term Data Series	J. Dierking
9:30 AM	M149 - Recurrence of tsunamigenic hazards from MeBo drilling records and fluid/solid transfer in the Gulf of Cadiz accretionary prism	W. Menapace	9:30 AM	POS532 – Coastal deep-sea biodiversity, ecological interactions, carbon flux and oceanography of Cabo Verde	H.-J. Hoving
9:50 AM	M152/1-Tracing the unknown: offshore tsunami deposits	K. Reicherter	9:50 AM	HE538 – Dynamics of benthic communities in protected areas of the German North Sea	L. Gutow
10:10 AM	COFFEE BREAK		COFFEE BREAK		
<b>Session Marine Geology</b> Session Chair: R. Larter and K. Sigloch			<b>Session Marine Biology</b> Session Chair: R. Glud and K. Linse		
10:30 AM	POS538 - High-resolution 2D and 3D reflection seismic analysis of tsunamigenic eruptions in the Christiana-Santorini-Kolumbo Volcanic Field, Southern Aegean Sea (Greece)	J. Karstens	10:30 AM	SO268/3 - MICRO-FATE – Characterizing the Fate and Effects of Microplastic Particles between Hotspots and Remote Regions in the Pacific Ocean	A. Potthoff
10:50 AM	M111 - DIONYSUS Deep Structure of the Ionian Sea and Sicily and MSM71 – LOBSTER Ligurian Ocean Bottom Seismology and Tectonics Research	H. Kopp	10:50 AM	M150 - Controls in benthic and pelagic BIODiversity of the Azores—BIODIAZ	K-H George
11:10 AM	SO267 - ARCHIMEDES Integrated Geodynamic, Magmatic and Hydrothermal Studies of the Fonualei Rift System, NE Lau Basin	H. Kopp	11:10 AM	POS537 - Biofilm-like habitat at the sea-surface: A mesocosm study during POS537	O. Wurl
11:30 AM	MSM44 and MSM66 - Reconstruction of past ice sheet dynamics palaeoceanography and plankton ecology in the Baffin Bay	B. Dorschel	11:30 AM	POS536 – Abundance, composition and distribution of microplastics in the North Atlantic Garbage Patch	M. Lenz
11:50 AM	MSM84 – Holocene and deglacial history of the Labrador Shelf and Lake Melville	C. Gebhardt	11:50 AM	M153 –Trophic Transfer Efficiency in the Benguela Current TRAFFIC	W. Ekau
12:10 PM	LUNCH BREAK		12:10 PM	POS539 - Microbial processes involved in the N- and C-cycles in the western basin of the Black Sea (MicroINC)	J. Milucka
<b>Session Marine Geology</b> Session Chair: R. Schiebel and C. Berndt			LUNCH BREAK		
1:20 PM	MSM51 and MSM62 - Baltic Sea Littorina Stage and Deep Ventilation - LISA I & II	R. Schneider	<b>Session Atmosphere</b> Session Chair: NN		
1:40 PM	M147 – Amazon-GEOTRACES / Interactions of trace metals, DOM, and particles in the Amazon estuary and associated plume	A. Koschinsky-Fritsche	1:20 PM	MSM79/2, SO267/2, MSM82/2, SO268/3 references	S. Kinne
2:00 PM	POS534 – Monitoring gas discharge from the seafloor in the North Sea	Mark Schmidt	1:40 PM	POS533 - Natural and anthropogenic sources of marine trace gases in the oceanographic and biogeochemical regime of the Subtropical North East Atlantic -AIMAC	B. Quack
2:20 PM	POS530 - First scientific survey of munition dump sites in the German Baltic Sea (2018) during MineMoni I	J. Greinert	End of Session		
2:40 PM	M157 - First, preliminary results from the coastal Benguela System	M. Zabel	End of Session		
3:00 PM	COFFEE BREAK		End of Session		
3:15 PM	MSM88 – A seafloor mapping campaign to fill the gaps in the grid	A.-C. Wöflf	End of Session		
3:35 PM	AL532 – Monitoring and Mapping Deformation Offshore Mount Etna	M. Urlaub	End of Session		
4:00 PM	<b>End of Session and End of Conference</b>				