

Status Conference Research Vessels 2022 - Agenda Postersession

Date: February 22, 2022

Titel	Presenter	First run Time	Second run Time
Conference Room: Atmosphere and Oceanography			
MPI-MET/NASA COLLABORATIONS	S. Kinne	5:00 PM	6:00 PM
MSM89 – Atmospheric Turbulence and Clouds in the Tropics: Shipborne Lidar Measurements of Dynamics and Thermodynamics During EUREC4A	D. Lange	5:04 PM	6:04 PM
SO259/3 – CAROL – Collecting Atmospheric Reference Data Over Oceans	S. Kinne	5:08 PM	6:08 PM
M148 (M98/M120/M131/M158) – Seasonal mixed layer heat budget in coastal waters off Angola	M. Körner	5:12 PM	6:12 PM
Conference Room: Marine Biology			
M150 – Morphospecies and genetic diversity of Bryozoa collected during M150 BIODIAZ in the remote Azores Archipelago	L. Baptista	5:00 PM	6:00 PM
M150 – BIODIAZ – Vertical distribution of heterotrophic protists from Atlantic sublittoral to deep-sea sediments	M. Hohlfeld	5:04 PM	6:04 PM
M150 – Preliminary insights into the gastrotrich community of sublittoral sediments of the Azores Archipelago (Portugal) obtained during METEOR cruise M150 Controls in benthic and pelagic BIODiversity of the Azores BIODIAZ	A. Kieneke	5:08 PM	6:08 PM
M150 – BIODIAZ: Calcareous nanophytoplankton distribution around the Azores Archipelago (Central North Atlantic)	Á. Narciso	5:12 PM	6:12 PM
M150 – BIODIAZ – Controls in sedimentary facies and related carbonate factories of volcanic islands, seamounts and shallow water platforms around the Azores	A. Wehrmann	5:16 PM	6:16 PM
MSM82/2 – Protistan diversity along a transect across the South and North Atlantic Ocean exemplified by choanoflagellates	F. Nitsche	5:20 PM	6:20 PM
SO268/3 – On-board systematic polymer weathering in mesocosms	A. Benke	5:24 PM	6:24 PM
SO268/3 – The role of the 'plastisphere' in the North Pacific Ocean Gyre	K. Wendt-Potthoff	5:28 PM	6:28 PM
Conference Room: Geochemistry			
M147 – Geochemical behaviour of neodymium and hafnium isotopes in the Amazon estuary: Tracing the river plume and quantifying continental inputs	Antao Xu	5:00 PM	6:00 PM
M147 – Distribution and Flux of Trace Metals (Al, Mn, Fe, Co, Ni, Cu, Zn, Cd, Pb and U) in the Amazon and Pará River Estuary and Mixing Plume	A. Hollister	5:04 PM	6:04 PM
POS539 – Nitrous oxide cycling under low oxygen concentrations in the water column of the Western Black Sea	J. N. von Arx	5:08 PM	6:08 PM
SO268/3 – Plastic-associated chemicals – are plastics a sink or source of organic chemicals to the North Pacific Ocean?	C.D. Rummel	5:12 PM	6:12 PM
SO268/3 – Quantification of microplastic particles in surface water collected during SO268/3 between Vancouver and Singapore	R. Rynek	5:16 PM	6:16 PM
SO263 – Geochemical investigation of hydrothermal fluids from Niuatahi rear-arc volcano, North East Lau Basin, SW Pacific	L. Klose	5:20 PM	6:20 PM
SO263 – Hydrothermal vent fluids and sulphides from Maka volcano, North Eastern Lau Spreading Centre	L. Klose	5:24 PM	6:24 PM

Conference Room: Marine Geology - Cruises with MARIA S. MERIAN

MSM71 – LOBSTER: Basin opening and inversion insights from seismic data in the Ligurian Sea	A. Dannowski	5:00 PM	6:00 PM
MSM71 – Lobster – First results of 3D travel time tomography of the Ligurian Sea and Coastal Western Alps using data from the Cruise	L. Murray-Bergquist	5:04 PM	6:04 PM
MSM71 – LOBSTER: 3D Crustal Structure of the Ligurian Sea Revealed by Surface Wave Tomography using Ocean Bottom Seismometer Data	F. N. Wolf	5:08 PM	6:08 PM
MSM79 – 18 years of dinoflagellate cyst export flux and benthic foraminifera deposition recovered from a sediment trap in the upwelling region off Cape Blanc (NW Africa)	E. Roza	5:12 PM	6:12 PM
MSM79 – Export flux succession of dinoflagellate cysts and planktonic foraminifera in an active upwelling cell off Cape Blanc (NW Africa) in November 2018	K. Zonneveld	5:16 PM	6:16 PM
MSM79 – Better molecular preservation of organic matter in an oxic than in a sulphidic depositional environment: evidence from modern and fossil dinoflagellate cysts	K. Zonneveld	5:20 PM	6:20 PM
MSM82 – The complex volcanic evolution of the Rio Grande Rise, SW Atlantic	P. A. Hoyer	5:24 PM	6:24 PM

Conference Room: Marine Geology - Cruises with SONNE

SO267 – Investigating the crustal structure and tectonic evolution of the northern Lau Basin with reflection and refraction seismic and magnetic data acquired during SO267 – ARCHIMEDES I	A. Beniest	5:00 PM	6:00 PM
SO267 – ARCHIMEDES: A multi-methodical approach to decipher the extensional dynamics of the northern Lau Basin at 16°S	A. Jegen	5:04 PM	6:04 PM
SO267 – Relationship between saucer-shaped igneous sills and sedimentary layers: an example from the Tofua volcanic arc	M. Schnabel	5:08 PM	6:08 PM
SO271/1 – Exploring the Indian Ocean: results from cruise SO271/1	T. Kuhn	5:12 PM	6:12 PM
SO271/2 – Exploring the Indian Ocean: results from cruise SO271/2	U. Barckhausen	5:16 PM	6:16 PM

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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