

**MARUM Postdoc Day**  
19<sup>th</sup> May 2017 09.30 am – 01.30 pm  
MARUM Room 2070

MARUM Postdoc Day Schedule			
Time	What?	Who?	Title
9:30 - 9:45	Welcoming remarks	Actual (Noemi & Gauvain) and potentially new (David De Vleeschouwer and Lukas Jonkers) postdoc representatives	
9:45 - 10:05	Talk	Christina Klose	MARUM Early Career Researcher Support - Plans and ideas for the (near) future
10:05 - 10:25	Talk	Markus Stocker	Interpreting observational data with Jupyter Notebook
10:25-10:45	Talk	Noémi, Fekete	3D seismic imaging of a Black Sea vent site
10:45 – 11:05	Talk	David De Vleeschouwer	Quantifying K, U, Th –contents of marine sediments using shipboard natural gamma radiation spectra
11:05 –11:10	Pitch	Wolf-Achim Kahl	X-ray computed microtomography ( $\mu$ -CT): non-destructive inspection of internal structures
11:10 - 11:15	Pitch	Takasumi Kurahashi-Nakamura	Application of a data assimilation technique to palaeoceanography
11:15 - 11:20	Pitch	Lukas Jonkers	Synthesis and uncertainty analysis of paleoclimate data
11:20 – 11:25	Pitch	Heather Johnstone	Comparison of Mg/Ca derived temperatures in two species of benthic foraminifera ( <i>C. wuellerstorfi</i> and <i>Uvigerina species</i> ) from a site filled with North Atlantic Deep Water
11:25 – 11:30	Pitch	Ines Voigt	Variability in mid-depth ventilation of the western Atlantic Ocean during the last deglaciation
11:30 – 11:35	Pitch	Gauvain Wiemer	Shear strength of diatomaceous sediments and their effect on slope stability
11:35 – 11:40	Pitch	Mathieu Martinez	Synchronizing timescales, volcanism and anoxia in the Early Cretaceous.
11:40 – 11:45	Pitch	Stefan Wenau	Geological timing and duration of methane seepage in different sedimentary and tectonic settings in the Lower Congo Basin
11:45 – 11:50	Pitch	Pei-Chuan Chuang	Pore water geochemistry study and numerical simulation of cored sediments
11:50 - 12:45	Coffee Break & Poster Session		
12:45 – 13:30	Lunch Break		

Posters	
By	Title
Pitched Posters	
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Unpitched Posters	
Gerlinde Jung	The effect of mountain uplift on eastern boundary currents and upwelling systems
Mariem Saavedra-Pellitero	Coccolithophores in the Southern Ocean
Charlotte Miller	Glacial-interglacial and ENSO-driven environmental variability in southeast Africa.
David De Vleeschouwer	Alternating Southern and Northern hemisphere climate response to astronomical forcing during the past 35 m.y.
Sergey Kotov	MyDTW – Dynamic Time Warping program for stratigraphical time series
Anna Joy Drury	Revisiting the Ceara Rise, equatorial Atlantic Ocean: isotope stratigraphy of ODP Leg 154