

1st ICBM PhD-Day

Venue: ICBM Terramare
Schleusenstraße 1
26382 Wilhelmshaven

Room: Large seminar room



Thursday, 23.03.2017

9:00	Arrival, registration Time for coffee	
9:30	Introduction Welcome speech by Oliver Zielinski	
9:40	Resilience of complex adaptive ecological systems	Sarah Schoenmakers (Theoretical Physics / Complex Systems)
10:00	Two modelling studies of ocean dynamics in the German Bight: near-shore wave dynamics and superposition of pollutant discharges	Antje Ahrens & Florian Hahner (Physical Oceanography)
10:20	Techniques in the working group "Environmental Biochemistry"	Mareen Möller (Environmental Biochemistry)
10:40	Qualitative and quantitative analysis of microplastics in the marine environment – pyrolysis-GC/MS as a sensitive analytical tool	Marten Fischer (Organic Geochemistry)
11:00	Silicon biogeochemical cycling in the Arctic Ocean	Bianca Torres (Isotope Geochemistry)
11:20	Coffee break	
11:40	AG Rabus and our work within the SFB Roseobacter	Hanna Ruppertsberg & Daniel Wünsch (General & Molecular Microbiology)
12:00	Chemotaxis of <i>Phaeobacter inhibens</i> to different quorum sensing molecules and subinhibitory concentrations of the antibiotic TDA	Laura Wolter (Biology of Geological Processes)
12:20	Phylogenetic and functional bacterial diversity on <i>Cancer pagurus</i>	Nils Bergen (Biology of Geological Processes)
12:40	Out of sight, out of mind, but NOT out of nature! – Researching the sources, pathways and sinks of plastic litter in the southern North Sea region	Rosanna Schöniech-Argent (Geoecology)
13:00	Lunch break	
14:00	Discussion rounds	
15:00	Summary of discussion rounds	
15:30	Coffee break and poster session	
16:30	Election of PhD representative for the examination board Feedback Closing remarks	
17:30	Dinner	
19:00	Get together	

Presented posters:

Modeling Effects of Artificial Limestone Weathering on Carbonate Chemistry of the North Sea	Julia Kirchner (Microbiogeochemistry)
Diversity of Dissolved Organic Matter during degradation	Andrea Mentjes (Marine Geochemistry)
Short time scale variability of chromophoric dissolved organic matter (CDOM) enrichment in the sea-surface microlayers	Nur Ili Hamiza Mustaffa (Sea Surfaces)
Physiological response to energy limitation in the <i>Roseobacter</i> clade	Christian Kirchhoff (Paleomicrobiology)
Temporal and Spatial scaling in Ecology	Anneke Purz (Planktology)
Size matters -Mesocosm vs. microcosm experiments	Andrea Gall (Planktology)
The molecular basis of diel and seasonal rhythmicity in the copepod <i>Calanus finmarchicus</i>	Sören Häfker (Biodiversity & Biological Processes in Polar Seas)
Environmental filtering and dispersal-influenced trait shift in a spatially explicit resource competition model	Daniel Huber (Mathematical Modelling)
Bio-optical variability in Norwegian Fjords	Veloisa Mascarenhas (Marine Sensor Systems)