

PhD Day 2018



Programme and Abstracts

25 April 2018
Bremen Presse-Club

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Welcome

We would like to wish all participants a warm welcome to the **11th Bremen PhD Day in Marine Sciences** held in Bremen Presse-Club. This meeting is jointly organized by the GLOMAR office and the MARUM/GLOMAR PhD representatives.

It is the purpose of the **PhD Day** to provide an excellent platform for:

- Presenting your own research in a casual and relaxed environment from which you can supply and receive feedback
- Learn about the large variety of cutting edge marine realm science being conducted by PhD students in and around Bremen
- Further developing a network between institutes and finding contact persons/institutes for interdisciplinary questions around your own project interests.
- Having a good time in a friendly atmosphere in which to develop an enjoyable working community.

If you would like to receive more information please visit:

www.marum.de/en/GLOMAR

If you have a specific question please contact:

phdrepresentatives@lists.marum.de

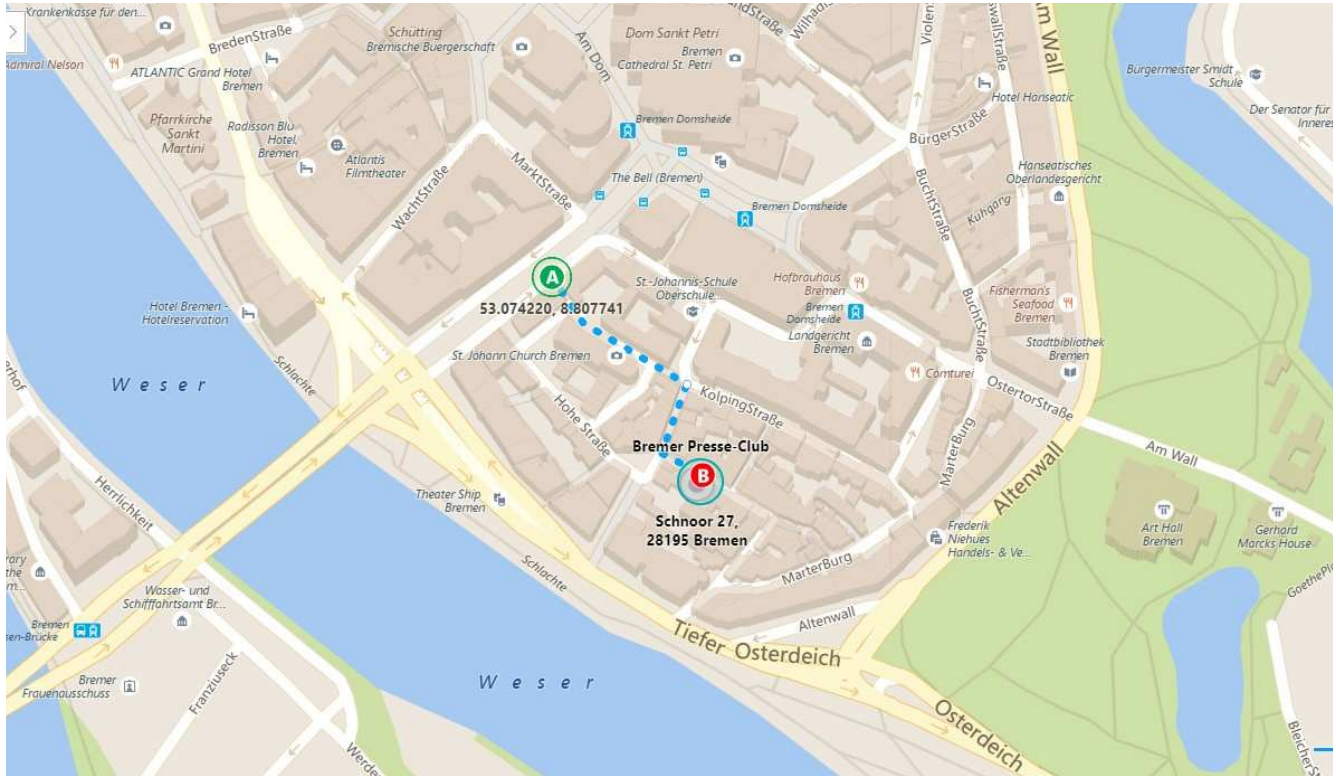
We want to thank all the participants for their contributions and thank GLOMAR for sponsoring this event.

We hope you all will enjoy this evening!

The organizing committee,

Dierk, Tina, Martin, Charlotte, Leonardo

Getting to Bremen Presse-Club



Getting to Bremen Presse-Club by tram from University/Bremen Hbf:

Take the n.6 tram direction "Flughafen" up to Domsheide from Universität Zentralbereich/Bremen Hbf. Take the stairs next to the book store "Buchhandlung Geist" and walk in Lange Wieren (street next to St. Johann Church). Turn right at Am Landherrnamt (at the corner where "Gasthof zum Keiser Friedrich" is) and then left to Schnoor street.

If you want to google it, this is the address: **Bremen Presse-Club, Schnoor 27, Bremen**

GLOMAR PhD Day 2018 --- Program overview

Tuesday 05 April 2016

-	15:00	Arrival at Bremen Presse-Club
15:00 -	15:30	Opening by GLOMAR office and PhD representatives
15:30 -	16:30	Session I
16:30 -	17:00	Ice-breaker
17:00 -	18:00	Session II
18:00 -	18:30	Break
18:30 -	19:30	Session III
19:30 -	21:00	Dinner

GLOMAR PhD Day 2018 --- Sessions in detail

Session I 15:30 - 16:30

Chair: **Leonardo Tamborrino**

15:30 - 15:45

Rebecca Borges (talk)

Spatial dynamics of crab in adjacent sustainable-use protected areas on the Amazon coast: implications for integrated management

15:45 - 16:00

Paula Senff (talk)

Investigating the potential of the halophyte *S. portulacastrum* to bioremediate aquaculture wastewater

16:00 - 16:15

Charlotte Breitkreuz (talk)

Reconstructing the ocean during the Last Glacial Maximum using a global ocean model and proxy data

16:15 - 16:30

Dharma Andrea Reyes-Macaya (talk)

How was the regional oceanography during the LGM in the SE-Pacific?

Session II 17:00 - 18:00

Chair: **Charlotte Breitkreuz**

17:00 - 17:15

Leonardo Tamborrino (talk)

Cold-water coral mounds beneath the Benguela oxygen minimum zone

17:15 - 17:30

Eva Bischof (talk)

Morphologic change in ammonoids - Evolutionary patterns or paleoenvironmental control?

17:30 - 17:45

Ameris Contreras (talk)

Benthic changes in the Mexican Mesoamerican Barrier Reef over the last 20 years

17:45 – 18:00

Qinzeng Zhu (talk)

How L-leucine is metabolized by dual-species consortia of anaerobic methanotrophic archaea (ANME) and sulfate reducing bacteria (SRB).

Session III 18:30 – 19:30

Chair: **Leonardo Tamborrino**

18:30 – 18:45

Lucy Schlicht (talk)

Hydrothermal alteration of a back-arc basin (Manus basin, Papua New Guinea) - Boron and boron isotopes of hydrothermally altered oceanic crust

18:45 – 19:00

Katja Stanislowski (talk)

Frictional behavior of Juan de Fuca sediments approaching the Cascadia subduction zone

19:00 – 19:15

Adhitya Kusuma Wardana (talk)

Changes in temperature and size of the Western Pacific Warm Pool (WPWP) and their influence on the East Asian Monsoon (EAM)

19:15 – 19:22

Ines Bruns (short talk)

Hydro-acoustic characterization of trawl marks in the German Exclusive Economic Zone (North Sea) as a function of sediment properties

List of participants

	Participant	Affiliation
1	Eva Bischof	Department of Geosciences, University of Bremen
2	Rebecca Borges	Leibniz Center for Tropical Marine Ecology (ZMT)
3	Charlotte Breitkreuz	MARUM
4	Ines Bruns	Department of Geosciences, University of Bremen
5	Ameris Contreras	Department of Biology and Chemistry, University of Bremen
6	Dharma Reyes Macaya	MARUM
7	Lucy Schlicht	Department of Geosciences, University of Bremen
8	Paula Senff	Leibniz Center for Tropical Marine Ecology (ZMT)
9	Katja Stanislowski	MARUM
10	Leonardo Tamborrino	MARUM
11	Adhitya Kusuma	MARUM
12	Qinzeng Zhu	MARUM