

Programme Schedule

Wednesday, 7.9.2011

From 5 p.m. Arrival in Bremerhaven
From 7 p.m. Regular registration, first chance to hang your poster
From 10 p.m. Icebreaker @ DSM
Optional night shift @ Nachtschicht

Thursday, 8.9.2011

From 8:00 a.m. Late registration, second chance to hang your poster
From 8:45 a.m. Opening Marc Einsporn and Team

Greetings

Dr. Ursula Warnke,
(Director of the German Maritime Museum)
Mr. OB Melf Grantz,
(Lord Mayor of Bremerhaven)
Prof. Dr. Oliver Zielinski,
(President of the German Society for Marine Research (DGM))

Keynotes

Dr. Cornelia E. Nauen,
Challenges for critically engaged young ocean researchers
Prof. em. Dr. Dr. h.c. Gotthilf Hempel,
Partnership in tropical marine research

From 10:30 a.m. Coffee break 1 *and final chance to hang your poster*

From 11:00 a.m. Session 1 @ DSM Human impacts on the oceans and subsequent environmental responses
chaired by Hannah Brocke (ZMT Bremen) and Claudia Frey (IO-Warnemünde)

Joost den Haan, A Look Into the Ocean's Future – Discussion of a NY Times Article
Christian Jessen, Evaluating herbivory on benthic algae on a reef flat in the Northern Red Sea
Viola Liebich, Transport of invasive phytoplankton in ballast water – despite UV-treatment
Benjamin Müller, Algal-driven bioerosion on Caribbean coral reefs? A hypothesis.
Marlene Wall, Coral mass bleaching in the Andaman Sea
Bastian Piltz, Nitrogen fixation of cyanobacterial mats in a Caribbean coral reef
Sophia Kochalski, Inter-annual feeding variability of Atlantic cod (*Gadus mohua* L.) in West Greenland waters
Fabian Schwichtenberg, Impact of alkalinity fluxes on the carbon cycle in the southern North Sea

From 1:30 to 2:15 p.m. Regular lunch break and come together
Student-Tutor-Lunch
Graduate school presentations

From 2:10 p.m. **Excursions and guided tours**

From 4:30 to 6:00 p.m. **POSTER and COFFEE SESSION @ DSM Hall**
(Cornelia Ruhland)

From 7:00 p.m. **i2b-meetUp:** "Klimastadt IV – Oceans amidst science, innovation and society" Free of cost for YOUMARES participants but please mind the dress code smart casual or informal business look. Snacks and drinks included. You have to register online at www.i2b.de

Alternatives

Bar hopping @ "Alte Bürger" Bremerhaven (www.altebuerger.de). Several other restaurants, bars and pubs are close to our venue. Nice dinner you can have on the barque "Seute Deern" (www.seutedeern.de), at the "Wassershout" (www.wasserschout-bremerhaven.de) and many more which are just a stone's throw away

Friday, 9.9.2011

Attention! Parallel sessions!

From 9:00 to 10:30 a.m.

@ "Alte Mensa" HS BHV Session 2: Remote Sensing: Higher orbits for deeper understanding
chaired by Grit Freiwald (AWI)

Mariana A. Soppa, Euphotic depth in the Southern Ocean: an evaluation of remote sensing derived products
Madlen Gebler, ACC transport determined from satellite altimetry using Pressure Inverted Echo Sounders (PIES)
Thomas Hollands, Sea ice kinematics around the Ronne Polynya derived from space
Meike Demgen, Arctic sea ice drift trajectories

@ DSM Session 4: Aquaculture: Main research priorities to fulfill our need for sustainable seafood
chaired by Stefan Meyer (GMA Büsum)
sponsored by Evonik Degussa GmbH

Saskia Kröckel, When a turbot catches a fly: Alternative protein sources in turbot aquaculture
Christina Heinitz, Biological availability of various methionine feed origin in carp (*Cyprinus carpio*)

- Sabine Keuter, Efforts to shed light on the nitrification process in biofilters of marine RAS
Debtanu Barman, Emryonic development of clown fish (*Amphiprion ocellaris*) in hatchery conditions for mass production

From 10:30 to 10:55 a.m. Coffee and exchange break

Attention! Parallel sessions!

From 11:00 to 12:30 a.m.

@ "Alte Mensa" HS BHV Session 3: Living with the Sea: Coastal livelihoods and management

chaired by Sebastian Ferse (ZMT)

- K. Schwerdtner Mañez, "Back to the future": the Contribution of Environmental History to Marine Conservation, Restoration and Management
Zeljka Fistrek, Mangrove Restoration in South- West Bay of Bengal
Ma'ruf Kasim, Study on Community Based Marine Protected Area in Eastern Indonesia
Annette Breckwoldt, Cultural Roles in Marine Managed Areas in Fiji - 'integrating reality'

@ DSM Session 5: Marine Technologies - The art of engineering in synergy with natural sciences

chaired by Sebastian Rakers (EMB Fraunhofer)
sponsored by SubCTech

- Lars Gansel, Marine Technology in Trondheim - the Norwegian way
Eoin Dolan, Factors Influencing the Selection of a Mechanical Filter for Marine Recirculation Aquaculture Systems.
Saskia Heckmann, OceanPack/AQUA: Robust, Flexible and Cost-efficient Monitoring System
Björn Suckow, Effect of UV-irradiation and sonication on an artificial plankton community

From 12:30 to 1:25 p.m. Lunch break. Time to see the River Weser, to grab a fish roll or to stroll around the 'Mediterraneo' shopping mall

From 1:30 to 4:00 p.m. Session 6 @ DSM Ocean of diversity: From micro scales to macro results

chaired by Paul Beyersmann (ICBM Oldenburg) and Oliver Lechtenfeld (AWI)

- Sonja Endres, Effect of ocean acidification on microbial degradation of organic matter derived from a *Thalassiosira weissflogii* chemostat culture
Meri Eichner, Ocean acidification responses of a N₂-fixing cyanobacterium - mechanisms and implications

- Silke Laakmann, Inventory of the North Sea zooplankton on a molecular genetic level
- Jochen Wollschläger, Characterization of phytoplankton in the North Sea with optical and molecular methods
- Nora Buddruhs, How a mutated genotype influences the phenotype – changes of *Phaeobacter gallaeciensis* through the loss of its major plasmid
- Helana Osterholz, Linking Dissolved Molecules and Microorganisms – A Case Study in Arctic Fjords.
- Ruth Flerus, Diagenetic state of DOM in the Atlantic Ocean: new approaches using FT-ICR-MS

From 4:00 to 4:25 p.m. Coffee break (last chance to vote)

From 4:30 to 5:45 p.m. Closing Session (Marc Einsporn)

Audience Awards for:
Best Posters & Best Speaker
Official handover of **YOUMARES AWARD 2011**

From 6:00 to 6:20 p.m. Pick up your poster

From 7:00 p.m. Post-Conference-Clubbing @ „Blattlaus“

Saturday, 10.9.2011 Departure from Bremerhaven