

Schedule

April 1st 2011

Start of registration
and abstract submission

June 15th 2011

Deadline for submission of abstracts
and YOUMARES-award

August 1st 2011

Deadline for early-bird registration

September 7th - 9th 2011

Conference YouMaRes 2011

Location

Deutsches Schifffahrtsmuseum
Hans-Scharoun-Platz 1
Bremerhaven, Germany
www.dsm.museum

Deutsches
Schifffahrts
museum

Registration Fee

(including icebreaker and coffee breaks)

EUR 50 - PhD students and PostDocs
EUR 30 - regular students, unemployed
participants

Deductions:

50 % for DGM-Members
20 % for members of partner organisations

Accommodation

Bremerhaven offers a broad variety of hostels,
hotels and holiday flats which are listed on our
Website www.youmares.net.

The hotels Adena and Amaris offer a special
rate for our participants. Furthermore, a comu-
nism will be provided.



Aim

YouMaRes intends to

- bring together young scientists (BSc, MSc, PhD and PostDoc) from all fields of marine research
- establish a network of young researchers working in Germany and worldwide
- offer the possibility to present projects and to discuss findings with scientists of different research institutions, from peer to peer
- inform about upcoming workshops, summer schools, doctoral education, training programs and general possibilities within your study
- provide a unique conference format for marine research freshmen (undergraduate students) and experts to present their work

Organisation Committee

The organisation committee consists of members of the DGM Working Group on Studies and Education and the German Society for Marine Research (DGM).

Contact

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Meeresforschung (DGM) e.V.
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Announcement for the second
Young Marine Research
network meeting and conference

YOUMARES 2.0

**Oceans amidst science,
innovation and society**

**September 7th - 9th
2011**

Bremerhaven, Germany

YOUMARES 2.0

07.-09. SEPTEMBER
BREMERHAVEN



OCEANS AMIDST
SCIENCE, INNOVATION
and SOCIETY



www.youmares.net info@youmares.net

Preliminary Programme

Wednesday, 7th Sept.

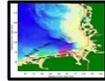
18:00 Registration, Icebreaker



Thursday, 8th Sept.

9:00 Opening

with keynote speaker



10:00 Oral presentations

Afternoon programme

Student-Tutor-Lunch

Join a table to discuss relevant topics



Graduate Schools' presentations

Information about training programmes of GLOMAR, MarMic, Oltech, POLMAR ...

Excursions

Guided tours to:

... German Maritime Museum

... Alfred-Wegener-Institute

... Center for Aquaculture Research

... Abelmann sea-food



16:30 Poster session

Friday, 9th Sept.

9:00 Oral presentations



17:00 Closing session,

Awarding best presentations



Session Topics

Human impacts on the oceans and subsequent environmental responses

Growing human population and associated demands for food, industrialisation, and waste disposal contribute to stressors and pressures on a global, regional and local scale. Notable among these are pollution by chemicals and nutrients, overfishing and climate change, as well as the interactive effects of these stressors.

Ocean of diversity: From micro scales to macro results

Enormous progress in the field of microbial diversity in the marine environment has been gained since the influence of molecular biology in marine research is increasing. New approaches in marine genomics and metagenomics allow better insights in the diversity of microorganisms and metabolic pathways. Microbial diversity and activity has a huge impact on marine ecosystems. This session invites you to present data from the fields of molecular biology, physiology or biogeochemistry with the focus on microbial diversity. Topics may vary from reviews on global nutrient cycles to detailed studies on molecular genetics but also top-down or bottom-up approaches linked to the trophic network are welcome.

Aquaculture: Main research priorities to fulfill our need for sustainable seafood

The main research priorities for the aquaculture sector were previously identified as hatching + breeding, genomics, feeding, ocean farming, recirculation system technology (RAS), integrated multi-trophic aquaculture (IMTA) and setting of standards and certification processes, to name just a few.

We call for abstracts for this theme session that provide pieces of research on the forefront of tackling these research priorities from all natural science disciplines combined under the roof of aquaculture research. All species and production techniques, from EU and non-EU countries will be considered. Beyond that we invite contributions from the whole chain of custody from fish to dish to exemplify the link between seafood research and seafood consumption.

Marine Technology: The art of engineering in synergy with natural sciences

Marine technologies are employed in a plethora of different areas, ranging from shallow waters to the deep sea. Cell technologies, biofouling or new technical enzymes from marine organisms are in the focus of interest. Marine technologies combine the knowledge of engineers and biologists for a sustainable and effective use of marine products and materials. This session welcomes engineering innovations as well as projects dealing with the applied use of aquatic organisms.

Living with the sea: Coastal livelihoods and management

Marine ecosystems provide the livelihood basis for millions of people around the world. Marine resources have been used since millennia, but with the large-scale industrialization and ever-increasing growth of fisheries over the past century, most stocks are now nearing depletion. The use of marine resources is driven by developments of markets and technology, but also by underlying cultural preferences and social networks. An understanding of the drivers of marine resource use and their history is crucial for the development and implementation of any management approaches. This session aims to engage a broad and interdisciplinary discussion of marine resource use and management and invites papers ranging from fisheries socio-economics and maritime anthropology to marine and coastal management issues.

Remote sensing: Higher orbits for deeper understanding

In-situ measurements of oceans, coastal areas, sea ice and icebergs are more and more complemented by remote sensing approaches. Features measured from space include not only surface temperature and salinity, sea surface height and ice thickness, but also gravity, wave height, surface velocities and ocean colour. As appealing and convenient these techniques seem at a first glance, the large scale characteristics of the obtained integral data create many difficulties.

This session presents a selection of ideas for a better assessment of oceanographic properties, for improvement of ocean and ice models as well as for a reasonable combination of different datasets.