

9th International Conference on Gas in Marine Sediments

September 15-19, 2008, Bremen, Germany
Third and last Circular

The International Conference on Gas in Marine Sediments covers all aspects of research related to methane in the ocean. The interdisciplinary conference intends to bring together geologists, biologists, microbiologists, geophysicists, oceanographers, geochemists and scientists from other disciplines in order to discuss current knowledge and future programs in methane inventories, fluxes and the role within the carbon cycle and for biodiversity. The conference is following eight successful conferences before in Edinburgh, UK (1990); Hirtshals, Denmark (1992); Texel, The Netherlands (1994); Varna, Bulgaria (1996); Bologna, Italy (1998); St. Petersburg, Russia (2000) Baku, Azerbaijan (2002), Vigo, Spain (2005).

Program overview

	Morning	Afternoon	Evening
Monday September 15	09:00 – 19:00 Field trip to the Harz Mountains		19:00 Registration Icebreaker/Barbecue at MPI
Tuesday September 16	09:00 – 11:00 Talks 11:00 – 11:30 Coffee 11:30 – 13:00 Talks 13:00 – 14:00 Lunch	14:00 – 16:00 Talks 16:00 – 16:30 Coffee 16:30 -18:30 Posters 16:30 – 18:30 OFOP short course 16:30 – 17:30 IODP core repository	
Wednesday September 17	09:00 – 11:00 Talks 11:00 – 11:30 Coffee 11:30 – 13:00 Talks 13:00 – 14:00 Lunch	14:00 – 16:00 Talks 16:00 – 16:30 Coffee 16:30 -18:00 Talks	19:30 Conference Dinner Town hall cellar
Thursday September 18	09:00 – 11:00 Talks 11:00 – 11:30 Coffee 11:30 – 13:00 Talks <i>(HERMES & WND project session)</i> 13:00 – 14:00 Lunch	14:00 – 16:00 Talks 16:00 – 16:30 Coffee 16:30 -18:30 Posters	
Friday September 19	08:30 – 20:00 Field trip to Spiekeroog, the Wadden Sea		

Oral presentations and posters

Oral presentations are allocated 15 minutes (including time for discussion), except invited talks (30 minutes). There will be no parallel sessions. The program can be found on the conference web site (<http://www.marum.de/ICSG2008.html>). There are special poster

places labelled for all presentations. Posters size should not be larger than DIN A0 (118.9 cm height x 84.1 cm width). The posters can be at place from Tuesday to Thursday.

Conference locations at the Campus of the University of Bremen



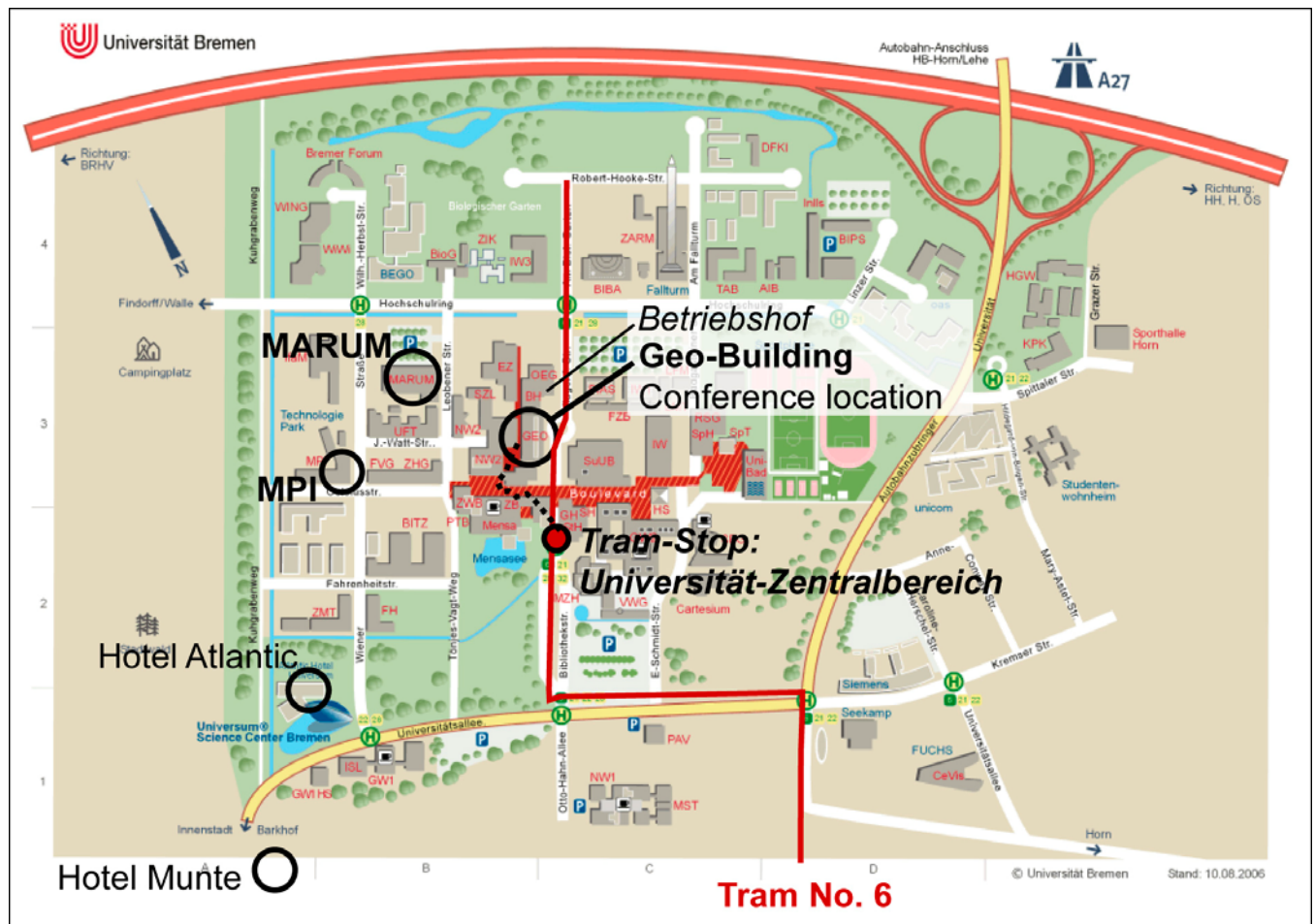
Max Planck Institute for Marine Microbiology (MPI):
Icebreaker and registration
Monday 15 September 19:00



Geoscience building:
Conference location
Talks, posters, coffee breaks
Tues – Thurs, 16 – 18 September



MARUM building:
Visit of the IODP core repository
Tuesday, 16 September 16:30



Campus map of the University of Bremen showing the main locations of the conference

Icebreaker (Monday, September 15)

Icebreaker starts at 19:00 on Monday, September 15 at the Max Planck Institute for Marine Microbiology (see campus map). Registration desk will be open for 2 hours, from 18-20 h.

Field Trip to the Harz Mountains, guided by Jörn Peckmann

(Monday, September 15; ca. 20 € for transportation will be charged when you register at the registration desk)

The field trip starts at 8:30 am at the *Betriebshof* on the northern side of the Geo building (see map). We will use several vans to visit the outcrops. We plan to visit two locations, one north of the Harz Mountains and one in the Harz Mountains during a one-day field trip (200 km southeast of Bremen). The first site is the type location where Kalkowsky suggested the term "stromatolite" for the first time (1908). The outcrop shows wonderful stromatolitic structures in lacustrine sediments of the lower Triassic Buntsandstein. The second location is an Early Carboniferous seep site on top of the drowned Devonian Iberg atoll reef. Please bring rain gear and field boots. Hard hats will be provided. The costs for food and drinks for the lunch break will be between 5 to 10 Euros depending on your appetite. We will be back at least around 19:00 so that we will not miss the icebreaker.

Field Trip to Spiekeroog, Frisian Wadden Sea, guided by Christian Winter & Achim Wehrmann

(Friday, September 19; ca. 35 € including transportation by bus and ferry boat).

The trip starts at 08:30 at the *Betriebshof* on the northern side of the Geo building (see ap; please be on time). A bus will bring us to Neuharlingersiel from where the ferry boat will start at 11:00. 45 minutes later we will arrive on the island. Like other Frisian barrier islands Spiekeroog is separated from the mainland coast by a backbarrier or tidal basin, well known as the Wadden Sea, which is completely inundated at high tide and largely exposed at low tide. During the field trip we will see major sediment environments represented in this highly dynamic tidal system on the island. The walking distance of the field trip is 8-9 km, so hiking boots as well as a rain coat would be helpful. For sun protection also sun lotion is needed. The ferry back starts at 17:00 and the bus transportation from Neuharlingersiel back to Bremen will take until around 20:00.

Conference Dinner

The conference dinner is planned for Wednesday evening in the historical "Cellar of the town hall" (Rathauskeller) which is the "exquisite foundation" of the Gothic building from 1405. Food will be included into the conference fee (not the drinks).

IODP Bremen Core Repository (BCR) at the MARUM building guided by Ursula Röhl

(Tuesday 16 September 16:30 – 17:30)

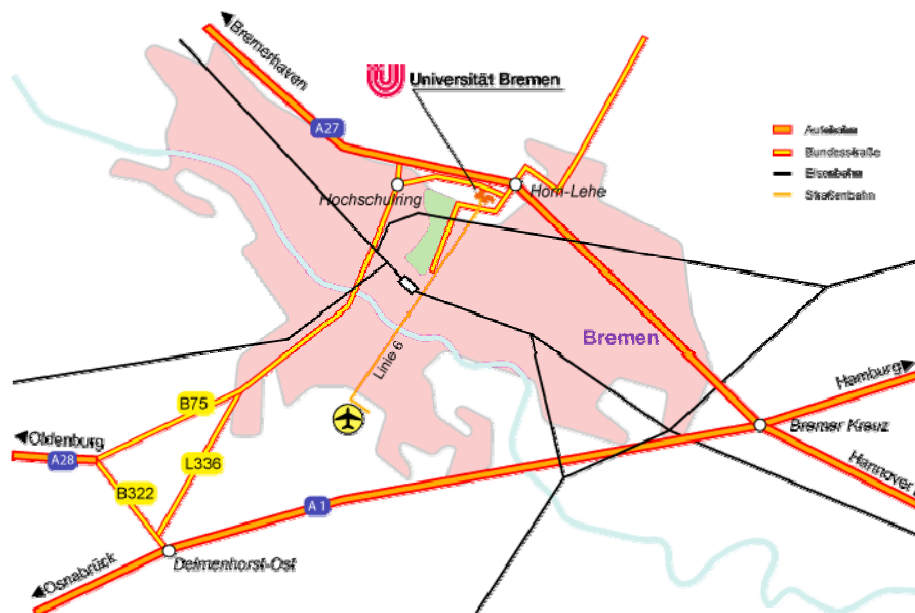
One of only three international core repositories of the Integrated Ocean Drilling Program (IODP) is located at the MARUM. BCR is the largest repository with more than 135 km of cores drilled in the Atlantic Ocean, Arctic Ocean and Mediterranean Sea, and an important contact point for scientists from all over the world. The cores retrieved offer a unique view into the origin, development, and present-day structure of the ocean floor. IODP Mission-specific Platform operations are conducted by the European Consortium for Ocean Research Drilling (ECORD), which represents the ocean-drilling efforts of 16 European countries as well as Canada. ECORD Science Operator (ESO) comprising the British Geological Survey, the University of Bremen, and the European Petrophysical Consortium is responsible for organizing these expeditions. As partner to ESO, the University of Bremen undertakes the curation, databasing and archiving of collected cores as well as providing offshore (mobile laboratory containers) and onshore state-of-the-art laboratory

facilities for systematic core sampling and further data gathering according to IODP standard measurements requirements.

How to find the Campus and the Geo Building of the University of Bremen

Arriving in Bremen **by train**: Exit the main station in direction *Centrum*. Take tram number 6 direction *Universität*. Disembark from tram at stop *Universität – Zentralbereich*. After disembarking, cross the tracks and go up the stairs found by the bridge. In 50m (opp. Mensa) turn right. The grey building on your right with white banister and metal world map is the GEOscience building.

Arriving by **plane** at the airport: Take tram number 6 direction *Universität*. Disembark from tram at stop *Universität – Zentralbereich*. After disembarking, cross the tracks and go up the stairs found by the bridge. In 50m (opp. Mensa) turn right. The grey building on your right with white banister and metal world map is the GEOscience building.



Places on the campus of the University of Bremen

The Icebreaker on Monday evening will be at the Max Planck Institute for Marine Microbiology (see map). Talks and poster presentations (Tuesday to Thursday) will be held in and around the lecture hall on the first floor in the Geo building (see map). The campus is ca. 5 km north of the historical centre of Bremen and can easily be reached by tram number 6 (15 min.). From the second last station (called *Universität - Zentralbereich*) it is just a walk of 2 min. to the Geo building (please look on the map).

Email during the conference

WLAN-connections will be provided to all conference participants and the required credentials (name and password) will be issued for free on demand during your registration or later. In addition, two computers with internet connection are available in room 1050.

Short course *Working with OFOP 3.2* by Jens Greinert & Lieven Naudts

(Tuesday 16 September - 16:00 to 18:30, in parallel with the poster session; room Geo 0340).

The Ocean Floor Observation Protocol software package OFOP has recently been updated and now includes additional post-processing features such as video replay and digitizing of seafloor observations, graphical editing of underwater navigation data, merging and splining of data sets. The short course invites scientist already working with OFOP but also those who might want to know what OFOP has to offer. A demo version will be distributed during the course; please bring your laptop. Demo data and videos will be provided, but bring your own data if you like. The short course also wants to address your specific needs and additions you would like to see in a new OFOP version. The course is planned as an informal gathering of interested scientists with a 20 minutes introduction for those who do not know OFOP yet. For more information on OFOP see: http://users.ugent.be/~jgreiner/software/OFOP_Vers.313/OFOP_Poster_Vers.313.pdf

Geo-Marine Letters, special volume

Similar to former conferences on gas in marine sediments we plan a special volume with contributions from participants of the conference. We have a good offer from Springer publisher to use "Geo-Marine Letters". Deadline for submitting manuscripts is January 15, 2009. This year, Springer made the decision that the production of colour artwork, both online and in the hardcopy print, is free of cost for authors in all Springer journals, including "Geo-Marine Letters". That is, any figures submitted in colour will automatically be published in colour both online and in the hardcopy, and is free of any cost to the authors.

Hosts

The conference is jointly hosted by:

Gerhard Bohrmann, Department of Geosciences, University of Bremen

Bo Barker Jørgensen, Max Planck Institute for Marine Microbiology, Bremen

Scientific committee

Antje Boetius, MPI Bremen, Germany

Marc de Batist, Renard Centre of Marine Geology Ghent, Belgium

Lyubomir Dimitrov, Institute of Oceanology, Varna, Bulgaria

Ian MacDonald, TAMU Corpus Christi, U.S.A.

Victor Egorov, IBBS Sevastopol, Ukraine

Jean-Paul Foucher, IFREMER Brest, France

Soledad García-Gil, University Vigo, Spain

Martin Hovland, Statoil Stavanger, Norway

Michael Ivanov, Moscow State University, Russia

Samantha B. Joye, University of Georgia, Athens, U.S.A.

Alan Judd, Newcastle, Great Britain

Nikolay Pimenov, Vinogradsky Institute of Microbiology, Moscow, Russia

Erwin Suess, IFM-GEOMAR Kiel, Germany

John Woodside, Vrije Universiteit, Amsterdam, The Netherlands

Registration

Please find a registration form on the conference website: <http://www.marum.de/ICSG2008.html> and return the completed form and send it attached

to an E-mail to ICSG2008@marum.de, or by fax to +49 421 218 8664, or by mail to: Gerhard Bohrmann, Geowissenschaften, Postfach 33 04 40, 28334 Bremen, Germany

Payment

Conference fee is 100 € for all participants and 50 € for students.

Payment must be in EURO and we ask participants from Germany to transfer the fee by bank account. In order to save additional bank fees, participants from outside Germany are requested to pay the conference fee cash at the registration desk at the beginning of the conference. The registration fee includes the attendance to all sessions, the program and abstract volume, the icebreaker/barbecue, conference dinner (without drinks during the dinner), and coffee breaks.

Account holder: Gerhard Bohrmann

Bank: Sparkasse Bremen

BLZ: 29050101

Account-No: 11622974

Purpose: ICSG2008 – registration name

Accommodation

Bremen offers hotels of all price categories. Please arrange your accommodation individually as soon as possible, because Bremen hosts more conferences in that week (see hotel list on the web page: <http://www.marum.de/ICSG2008.html>).

On the list we suggest some hotels in the town. For students we recommend the youth hostel. Marked hotels have a special price offered to participants of the conference if you announce the ICSG2008 code for booking, however, capacities are already running short.

Contact addresses

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