

DEEP-WATER CIRCULATION: PROCESSES & PRODUCTS

International Congress
Baiona (Pontevedra, NW Spain)
16, 17 & 18, June, 2010

2ND CIRCULAR





2nd CIRCULAR

DEEP-WATER CIRCULATION: PROCESSES & PRODUCTS

International Congress
Baiona (Pontevedra, NW Spain)
16, 17 & 18, June, 2010

| CONTENTS | | PAGE |
|----------|---|------|
| 1. | INTRODUCTION | 3 |
| 2. | CONFERENCE VENUE | 4 |
| 3. | GOALS | 4 |
| 4. | COMMITTEES | 6 |
| | HONOUR COMMITTEE | 6 |
| | ORGANIZING COMMITTEE | 6 |
| | SCIENTIFIC COMMITTEE | 7 |
| 5. | TECHNICAL SECRETARIAT | 7 |
| 6. | SPECIAL KEYNOTES | 7 |
| 7. | PRELIMINARY STRUCTURE OF THE MEETING | 8 |
| 8. | WORKSHOP: CLIMATE & CONTOURITES | 9 |
| 9. | REGISTRATION FEE | 10 |
| 10. | GRANTS FOR STUDENTS | 10 |
| 11. | CALENDAR | 11 |
| 12. | ABSTRACT SUBMISSION | 11 |
| 13. | ORAL & POSTER PRESENTATION | 13 |
| 14. | SPECIAL PUBLICATION | 14 |
| 15. | SOCIAL PROGRAM | 16 |
| 16. | LOCAL INFORMATION, TRANSPORTATION & ACCOMMODATION | 16 |
| | ARRIVING IN BAIONA | 16 |
| | LOCAL INFORMATION | 18 |
| | BABY-SITTER SERVICE | 18 |
| | TRANSPORTATION | 18 |
| | ACCOMMODATION | 18 |
| 17. | REGISTRATION FORM | 21 |
| 18. | SUPPORTING INSTITUTIONS | 21 |
| 19. | SPONSORS | 23 |
| 20. | DOWNLOADS | 24 |
| 21. | FOR MEDIA | 24 |
| 22. | CONTACT US | 24 |



1. INTRODUCTION

An international congress "Deep-water Circulation: Processes & Products" is being organized in Baiona (Pontevedra, Spain) on 16, 17 and 18 June, 2010. You are cordially invited to participate in this exciting congress.

Since we started to distribute the first circular of this congress with the official publication of the Web Page (<http://www.facultadeccdomar.es/contourites>) last March 2009, many people have expressed their interest on the topics of the Congress and sent suggestions. The Organizing Committee would like to thank all concerned for the really positive feedback to the First Circular, much of which has been incorporated into our planning. The main aim of this Congress will be integrating deep-bottom current circulation, sedimentary processes, deposits and their implication for palaeoceanographic reconstructions. This will lead to better understanding the oceans' role in the global climate system; recognising contourites as a new target for economic resources; and consideration of specific biota and deep-water ecosystems related to bottom current circulation. This has become a truly multidisciplinary meeting. We have now updated the Web Page and hereby distribute the Second Circular of the Congress.

We aim to provide a scientifically stimulating and socially enjoyable forum to meet and discuss results and ideas related to the conference theme. The meeting should be of interest to both academic and industrial participants, and although it is focused on Deep Water Circulation: Processes & Products, the congress is open to discussion of shallow water and even lacustrine drifts.

Organized by:

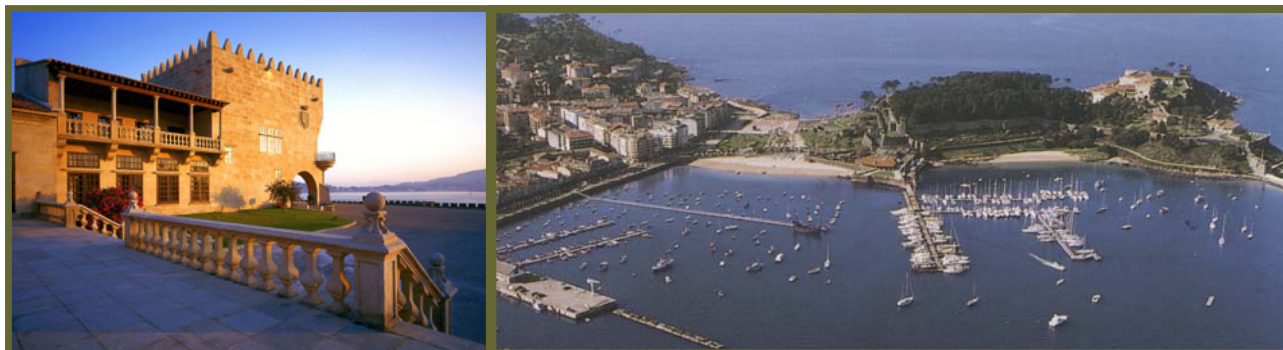
| | |
|---|---|
|  | Universidad de Vigo (Spain) |
|  | Heriot Watt University (UK) |
|  | Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, Italy) |
|  | Instituto Geológico y Minero de España (IGME, Spain) |
|  | Renard Centre of Marine Geology, University of Ghent University (Belgium) |
|  | Instituto Español de Oceanografía (IEO, Spain) |
|  | Laboratório Nacional de Energia e Geologia (LNEG, Portugal) |
|  | Consejo Superior de Investigaciones Científicas (CSIC, Spain) |
|  | Edinburgh Collaborative of Subsurface Science and Engineering (ECOSSE, UK) |



Language:

English will be the official language of the meeting and no translation facilities will be available.

2. CONFERENCE VENUE



PARADOR CONDE de GONDOMAR

Castillo de Monterreal

36300 Baiona, (Pontevedra), Spain

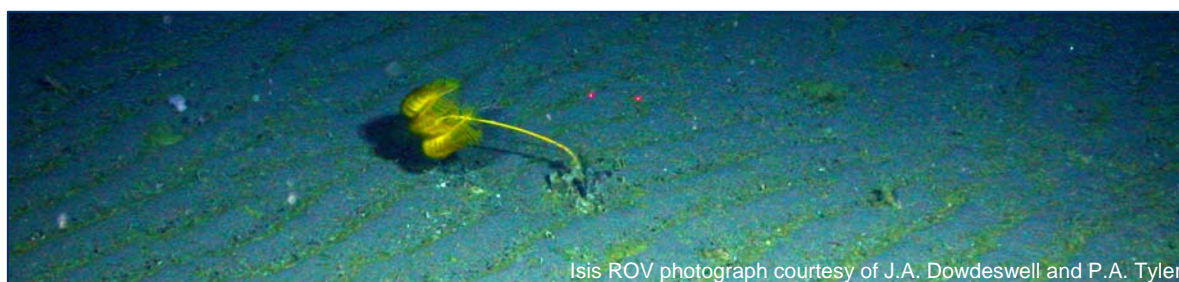
<http://www.parador.es/en/>

On the Monterreal Peninsula, this is one of the most extraordinary Paradores in Spain, half medieval fortress and half Galician stately architecture. It rises high as an impressive viewpoint over the ocean, surrounded by a walled enclosure, protected by the sea and flanked by a beautiful pine forest. More information at:

<http://www.parador.es/en/tratarFichaParadorCabecera.do?parador=015>

3. GOALS

Deep-water circulation is a critical part of the global conveyor belt that regulates Earth's climate. The bottom (contour) current component of this circulation is hugely significant in shaping the deep seafloor, through erosion, transport and deposition of sediment (drifts). Yet the nature of these deep-water processes and the contourite sediments thereby deposited are still poorly understood in detail. Their ultimate decoding will undoubtedly yield results of fundamental importance to earth and ocean science. The Baiona Congress, therefore will focus specifically on processes and deposits related to bottom-water circulation. These include the dominant currents related to geostrophic and thermohaline circulation, as well as internal tides and waves, canyon currents, and up/downwelling slope currents.



Isis ROV photograph courtesy of J.A. Dowdeswell and P.A. Tyler



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.

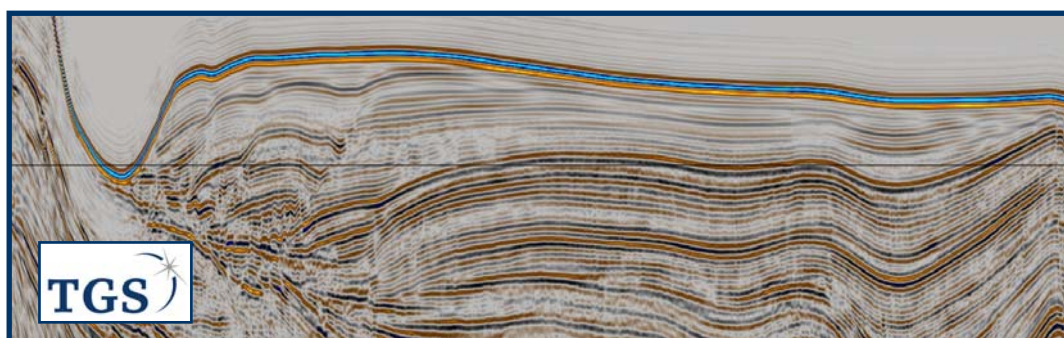


We identify five major goals and a number of related topics are defined:

- Characterization of the depositional and erosional elements associated with individual contourite drifts, hiatuses, and with more complex Contourite Depositional Systems (CDSs).
- Detailed understanding of deep-water-mass circulation, including the flow of bottom currents around submarine obstacles, their behaviour and variability in response to tides and benthic storms, and their role in the construction of drifts and bedforms.
- Comparisons between bottom current and gravity flow processes and products, including hemipelagic/pelagic sedimentation.
- Careful review of existing facies models (on outcropping ancient deposits and present marine basins), including their association with other deep-water sediment facies, their occurrence and recognition in both modern and ancient series, and their understanding in terms of bottom current process and variability, for both local and global circulation.
- Economic relevance of contourite deposits in the future, especially for oil/gas exploration.

Main Topics of the Congress:

- Geostrophic/thermohaline circulation and bottom currents
- Modern contourite deposits
- Ancient contourite examples
- Internal-waves and internal-tide deposits
- Palaeoceanographic significance
- Slope stability significance
- Relationship between deep-water circulation, gravity flows and submarine slope stability
- Deep-bottom current measurements and sediment traps: current state-of-the-art.
- Numerical and physical modelling of processes
- Environmental, tectonic and other controlling factors on process and deposits
- Innovation and new technologies and methods
- Driver of deep-water ecosystems
- Benthic communities associated with hard grounds and cold-water coral ecosystems
- Geological risk on submarine cables, pipelines, etc.
- Economic importance: fishing, mineral (Fe-Mn nodules, crusts) and energy (oil, gas, shallow gas, hydrates, etc) resources.



4. COMMITTEES

Honour Committee

Honorary President: His Royal Highness, the Prince of Asturias

Exmo. Sr. D. Felipe de Borbón y Grecia

President of the Xunta de Galicia

Sr. D. Alberto Núñez Feijoo

Major of Baiona (Pontevedra)

Sr. Dr. Jesús Vázquez Almuiña

Rector of the University of Vigo (Spain)

Dr. D. Alberto Gago Rodríguez

Principal and Vice-Chancellor of the Heriot Watt University (UK)

Dr. Prof. Steve Chapman

Rector of the University of Cadiz (UCA, Spain)

Dr. D. Diego Sales Marquez

Dean of the Facultad de Ciencias del Mar (Vigo, Spain)

Dr. D. Jesús S. Troncoso

Director of the Consejo Superior de Investigaciones Científicas (CSIC, Spain)

Sr. D. Rafael Rodrigo Montero

Director of the Instituto Español de Oceanografía (IEO, Spain)

Sr. D. Enrique Tortosa Martorell

Director of the Instituto Geológico y Minero de España (IGME, Spain)

Dr. José Pedro Calvo

Director of the Instituto Hidrográfico de la Marina (IHM, Spain)

CN. Comandante Sr. D. Francisco J. Pérez Carrillo de Albornoz

President of the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, Italy)

Prof. Dr. Iginio Marson

President of the Laboratorio Nacional de Energia e Geologia (LNEG, Portugal)

Dr. Teresa Ponce de Leão

Director of the Renard Centre of Marine Geology, Ghent University (Belgium)

Prof. Dr. Jean-Pierre Henriët

Director of Edinburgh Collaborative of Subsurface Science and Engineering (ECOSSE, UK)

Prof. Dr. Dorrik Stow

President of the “Sociedad Geológica de España” (SGE, Spain)

Dra. Ana Crespo Blanc

Organizing Committee

F. Javier Hernández-Molina (University of Vigo, Spain)

Michele Rebesco (OGS, Italy)

Van Rooij, D. (RCMG, Belgium)

Gemma Ercilla (CSIC, Barcelona, Spain)

Angel Mena Rodríguez (University of Vigo, Spain)

Dorrik A. V. Stow (Heriot Watt University, UK)

Estefania Llave (IGME, Spain)

Juan Tomas Vázquez (IEO, Spain)

Antje Voelker (LNEG, Portugal)



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



Scientific Committee

| | |
|--|--|
| Abrantes, F. (LNEG, Portugal) | Maldonado, A. (IACT, Spain). |
| Bruno, M. (UCA, Spain) | Matias, H. (REPSOL, Spain) |
| Bryden, H.L. (NOCS, UK) | McCave, I.N. (Cambridge, Univ., UK) |
| Cacho, I. (UB, Spain) | Mulder, T. (Bordeaux Univ., France) |
| Camerlenghi, A. (UB, Spain) | Pelegri, J.L. (CMIMA-CSIC, Spain) |
| Casas, D. (ICM-CSIC, Spain) | Schönfeld, J. (IFM-GEOMAR, Germany) |
| Chivelet, M. (UCM, Spain) | Schrödl, M. (ZSM, Germany). |
| Díaz del Río, V. (IEO, Spain) | Somoza, L. (IGME, Spain) |
| Flores, J.A. (USAL, Spain) | Uenzelmann-Neben, G. (AWI, Germany) |
| Francés, G. (UVI, Spain) | Urgorri, V. (Univ. Santiago de Compostela, Spain) |
| Fulthorpe, C.S. (Texas Univ., USA) | Varela, R.A. (UVI, Spain) |
| Gao, Z. (Yangtze Univ., China) | Viana, A.R. (Petrobras, Brazil) |
| García Lafuente, J. (UMA, Spain) | Violante, R. (SHN, Argentina) |
| Hillenbrand, C.D. (BAS, UK) | Wynn, R.B., (NOCS, UK) |
| Knutz, P. (GEUS, Denmark) | Zenk, W. (IFM-GEOMAR, Germany) |
| Laberg, J.S. (Tromsø Univ., Norway) | |

5. TECHNICAL SECRETARIAT

María González

ORGANIZA+

c/ López Mora, 5 – Esc D – 1º D

36211 Vigo (Spain)

Tel.: +34 986 91 79 52

Fax: +34 986 22 68 05

E-mail: info@organizamas.com



6. SPECIAL KEYNOTES

Five invited talks of about 60' (including 15-10' for questions) have been already scheduled for the congress, which will cover the following themes:

- **Dr. I. Nick McCave** (Cambridge, Univ., UK): "*Construction of contourite drifts by the deep ocean circulation*".
- **Dr. Jean Claude Faugères** (Univ. Bordeaux, France): "*Contourites: from large drift to facies model*".
- **Dr. Michael Sarnthein** (Univ. Kiel, Germany): "*¹⁴C -based circulation changes of glacial-to-deglacial ocean overturning circulation*".
- **Dr. Adriano R. Viana** (Petrobras, Brazil): "*Economic relevance of contourites*".
- **Dr. Craig S. Fulthorpe** (University of Texas, USA): "*Contourite deposition at intermediate water depths: sediment drifts of the Canterbury Basin, eastern South Island, New Zealand*".



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



7. PRELIMINAR STRUCTURE OF THE MEETING

Tuesday 15th, June 2010

| | |
|-------------|--------------------------|
| 18:00-20:00 | Registration |
| 20:00-21:30 | Baiona Council reception |

Wednesday 16th, June 2010

| | |
|-------------|--|
| 08:00-09:00 | Registration & Poster placing |
| 09:00-10:00 | CONGRESS OPENING |
| 10:00-11:00 | Keynote by: Dr. Jean-Claude Faugères (Univ. Bordeaux, France). |
| 11:00-11:30 | Coffee break |
| | GENERAL SECTION |
| 11:30-13:30 | Oral communications |
| 13:30-15:00 | LUNCH |
| 15:00-17:30 | Oral communications |
| 17:30-19:00 | Coffee break & Poster section |
| 20:00-21:30 | Seawater thermal SPA bath at the Talaso Atlántico Hotel (5 km near Baiona) |

Thursday 17th, June 2010

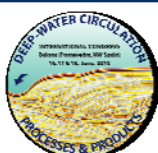
| | | |
|-------------|---|--|
| 08:00-08:30 | Poster placing | |
| | GENERAL SECTION | WORKSHOP: CONTOURITES & CLIMATE |
| 08:30-11:00 | Oral communications | Oral communications |
| 11:00-11:30 | Coffee break | |
| 11:30-12:30 | Keynote by: Dr. M. Sarnthein (Univ. Kiel, Germany). | |
| 12:30-13:30 | Oral communications | Oral communications |
| 13:30-15:00 | LUNCH | |
| 15:00-16:30 | Oral communications | Poster section |
| 16:30-17:30 | Keynote by: Craig S. Fulthorpe (University of Texas, USA). | |
| 17:30-19:00 | Coffee break & Poster section | 18:00-19:00 Round table session |
| 21:00 | Congress Dinner (Galician sea food) | |

Friday 18th, June 2010

| | | |
|-------------|---|--|
| 08:00-08:30 | Poster placing. | |
| | GENERAL SECTION | |
| 08:30-11:00 | Oral communications | |
| 11:00-11:30 | Coffee break | |
| 11:30-12:30 | Keynote by: Dr. Adriano R. Viana (Petrobras, Brazil) | |
| 12:30-13:30 | Oral communications | |
| 13:30-15:00 | LUNCH | |
| 15:00-16:30 | Oral communications | |
| 16:30-17:30 | Keynote by: Dr. McCave, I.N. (Cambridge, Univ., UK) | |
| 17:30-18:30 | Coffee break & Poster section | |
| 18:30-19:00 | Congress Closure | |

Saturday 19th, June 2010

Trip to the Cíes Islands (Optional and if weather permitting).



Deep-water Circulation: Processes & Products

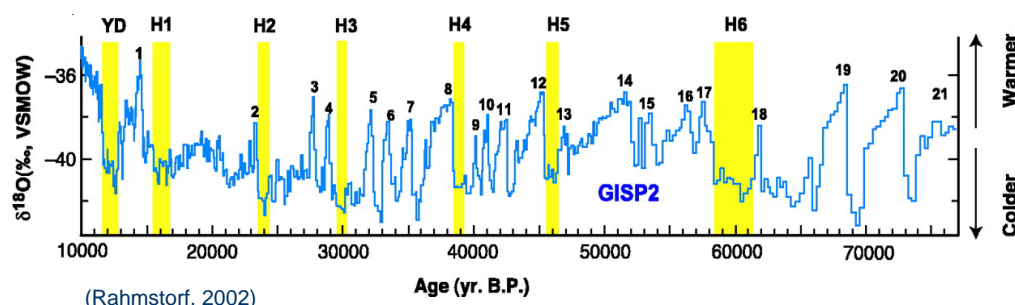
<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



8. WORKSHOP: CONTOURITES & CLIMATE

The enhanced accumulation rates of contourite drifts, in comparison with condensed pelagic deposits, make them attractive for high resolution palaeoceanographic reconstructions to better understand the oceans' role in the global climate system. Therefore, a specific one-day workshop on Contourites and Climate, focusing on the palaeoceanographic significance of contourites is being organized for the 17th June, 2010, within the international congress "Deep-water Circulation: Processes & Products".



Organizing Committee for the workshop:

- Francés, G. (UVI, Spain): Local coordinator.
- Knutz, P. (GEUS, Denmark).
- Cacho, I. (UB, Spain).
- Voelker, A. (LNEG, Portugal).
- Flores, J.A. (USAL, Spain).
- Schönfeld, J. (IFM-GEOMAR, Germany).
- Lebreiro, S. (IGME, Spain).

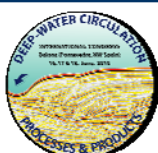
The following goals and a number of related topics will be covered on this workshop:

- Palaeoceanographic questions addressed through contourite research
- Ocean circulation during past climate periods
- Ocean-climate variability
- Abrupt climatic changes
- Climatic transitions
- Global warming and its potential impact on bottom-current circulation
- Numerical modelling of climate
- Proxies for climatic reconstruction from contourite deposits

Dr. Michael Sarnthein (Univ. Kiel, Germany) will give a special keynote presentation in the framework of this workshop focussed on 14C -based circulation changes of glacial-to-deglacial ocean overturning circulation.

Poster presentations are especially welcome for this workshop, while some selected papers will be chosen for oral presentation.

At the end of the workshop there will be a round-table session to discuss results, ideas and conclusions related to contourites and climate.



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



9. REGISTRATION FEE

Normal:

Until 15th of May, 2010: **300 Euros**

Late registration: **350 Euros**

Students:

Until 15th of May, 2010: **120 Euros**

Late registration: **150 Euros**

Accompanying Person: 120 Euros



Early Registration guarantees lowest registration fees and the accepted contributions to be included in the final Program. VAT included Registration fee includes:

- Access to all the scientific sessions
- Abstract volume
- Memory stick with abstracts
- Congress rucksack sponsored by REPSOL
- Congress present sponsored by the Instituto Hidrográfico de la Marina
- Touristic information
- Welcoming Reception by the Baiona Council
- Touristic visits round the Baiona Village
- Coffee breaks
- Shuttle bus for transportation

The Organizing Committee will evaluate the possibility to cover lunches, symposium dinner and seawater thermal SPA bath at Talaso Atlántico Hotel depending on the final budget. More information will be given on the 3rd final Circular.

10. GRANTS FOR POST-GRADUATE STUDENTS

International Association of Sedimentologists (IAS) and the Organizing Committee are pleased to announce some financial support for some travel grants for post-graduate students attending the conference.

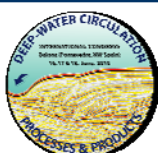
Student Travel Grant Applications



- a) Students which are member of IAS must apply directly to IAS prior to 16th June for these travel grants. Interested students should apply directly to <http://www.iasnet.org/meetings/travelgrants.php>
- b) Other students must apply directly to the Organizing Committee apply for Student Travel Grants please contact with **Dr. David Van Rooij** or **Dr. F^o Javier Hernández-Molina** (contourites@uvigo.es) no later than 15th of May, 2010 with the following information:

- ✓ Name and surnames.
- ✓ Brief one page CV.
- ✓ Interest in the Symposium.
- ✓ Budget with estimated travel costs.
- ✓ Amount requested.

Resolution of applications will be before 31st of May.



Deep-water Circulation: Processes & Products

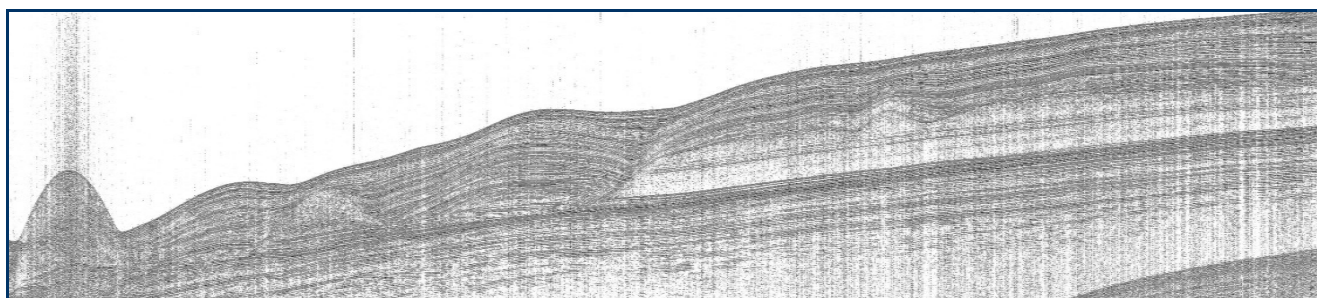
<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



11. CALENDAR

| | |
|-------------------------------------|---|
| MARCH 2009 | Web page and First Circular |
| 31 st NOVEMBER 2009 | Deadline for early registration |
| JANUARY 2010 | Second Circular |
| 5 th APRIL 2010 | Final deadline for abstract submission (<u>Not extendable, for editorial reasons</u>). |
| 15 th APRIL 2010 | Notification for abstract definitive approval |
| 15 th MAY 2010 | Final Deadline for registration payment |
| JUNE 2010 | Third circular |
| 16, 17 & 18 th JUNE 2010 | <i>International congress: DEEP-WATER CIRCULATION: PROCESSES & PRODUCTS</i> |
| 17 th JUNE 2010 | Workshop: Contourites & Climate |
| 21 st JUNE 2010 | Special Geo-Marine Letter Issue: Available online link dedicate to <i>SI Baiona</i> in http://www.editorialmanager.com/gmle/ |
| 18 th JULY 2010 | Special Geo-Marine Letter Issue: deadline for online manuscript submission |



12. ABSTRACT SUBMISSION

Participants wishing to make a presentation on the results of their recent research are cordially invited to submit an extended abstract according to the instructions below. All contributions to the congress must be related to the goals of the congress and must be submitted in English.

How to Submit an Abstract?

a. General Criteria

When submitting your abstract, choose and enter the topic that you feel is most applicable to your abstract theme.

The submission of an abstract carries with it the obligation of presentation at the meeting by the author or one of the co-authors.

There is no limitation in the number of abstract submissions per author and no abstract fees will be charged.

An e-mail address is obligatory in order to receive information about the abstract via the web.

The leading author must be listed first on the Web site application.

The authors must indicate their preferred format for presentation (oral or poster). However, the final decision belongs to the Organizing Committee, based on the number and quality of submitted abstracts.



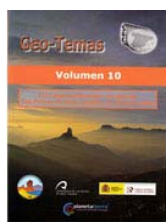
Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.

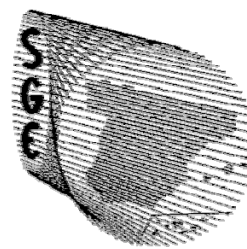


b. Abstract Publication and Guidelines for Contributors to Geo-Temas



Extended abstracts will be published in **Geo-Temas** (ISSN: 1567-5172) an issue published by the Spanish Geological Society (Sociedad Geológica de España, SGE).

<http://www.sociedadgeologica.es>



I. All extended abstracts will be written in English and must be 2 pages long, including all figures, tables and bibliographic references (please see **Abstract pattern for Geo-Temas** in the downloads section of the official web page of the Congress). Note that a single printed page from Geo-Temas contains 4.500 characters (including spaces).

II. Authors will submit typed manuscripts using simple spaced text in 10-point Times font. Figures (including any photographs) will be serially numbered and formatted according to the maximum page box size for a single Geo-Temas page (240 x 175 mm), which is divided into two columns. When choosing line width, figure heading size, hatch marks, etc., authors should account for any possible reductions in figure size to meet the aforementioned space criterion. Tables must also be ordered serially. As with the figures, authors should also ensure that the tables, if reduced, would be legible upon final printing.

III. Articles should be structured as follows:

Title

Authors: listed with full name(s) and last name(s), full street address, and email

Abstract: 150 to 200 words

Keywords: maximum of 5 key words

Principal text, generally comprising the following sections: Introduction/Background; Data and Results; Discussion; and Conclusions. The principal text must meet the size requirements for the entire article.

Acknowledgements: a maximum of 3 typed lines

References: a maximum of 10 references, listed in alphabetical order according to author's last name. These should contain all required information for being located by bibliographic search, including the full title of the referenced work. References should be written according to the format used in Revista de la Sociedad Geológica de España.

IV. Authors are encouraged to use a PC or Mac with a word processor such as Microsoft Word or WordPerfect. All submitted CDs must be labelled to indicate the software and version used. For other types of word processors, the recommend file formats are RTF and ASCII. Figures will be submitted in high resolution (300 ppi) at printed size and they will be accepted in the following file formats: Adobe Illustrator, Free Hand, Corel Draw, TIFF, PDF or EPS. Offprints will not be accepted.

V. Authors must submit extended abstracts **before the 5th April, 2010** to contourites@uvigo.es according to the above – mentioned criteria. The deadline will not be extendable to assure the Geo-Temas editorial processes on time for the congress. Once you have submitted your abstract via the web, you will receive a confirmation by e-mail. Please check the abstract carefully before submission.

c. Abstract Evaluation

Abstracts will be evaluated by the Scientific Committee of the Congress, which will notify the **abstract definitive approval before the 15th April, 2010.**



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



13. ORAL & POSTER PRESENTATION

Guidelines for Authors (Oral)

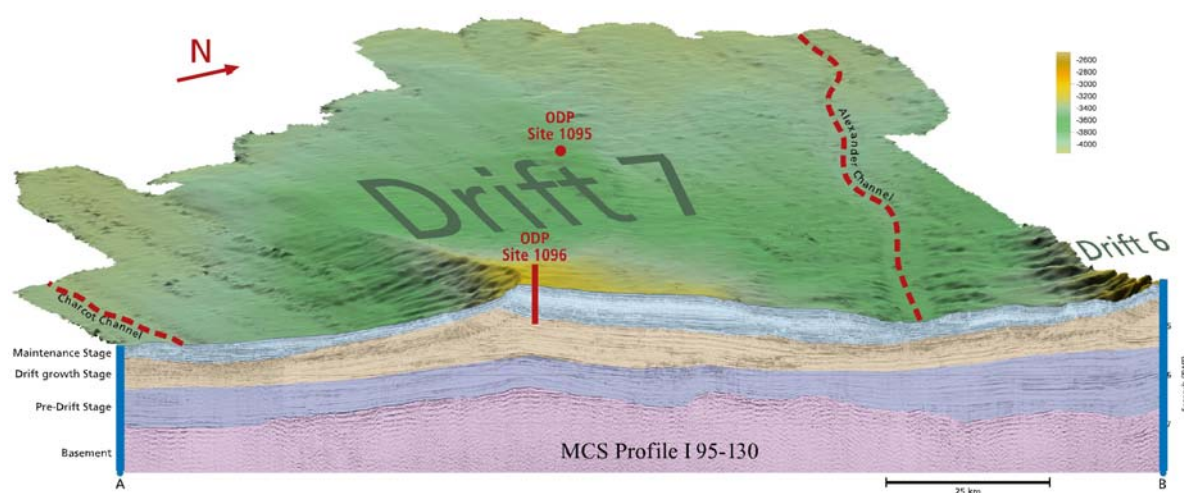
Oral presentations will be organized in oral sessions listed in the 3rd Circular and the final programme together with the time of presentation of each contribution including discussion and change over.

In order to encourage as much lively interaction and discussion as possible, the time allocated for oral sessions will be limited. Talks are scheduled for 15-minute time slots except for keynote talks (60 minutes). We strongly encourage a presentation around 10 minutes and of no more than 12 minutes to allow 5 to 3 minutes for discussion and to entertain questions from those in the audience. Be sure to limit the presentation to the time allotted.

Lecture room will be equipped with one PC/Mac video projector together with a pointer, and one large screen. Additional technical equipment, such as an overhead or a slide projector, video recorder, etc could be requested. One projectionist will be present in the lecture room. S/he will collect presentations and the slides (if necessary) and help the chairperson and speakers.

The symposium organizers will make a series of templates (in Power Point format) and graphics available to you in order to help you develop your presentations.

We will add more information in the 3rd Circular. So, please, check this webpage before the Congress.



(Rebesco et al., 2007. *Geol. Soc. London*)

Guidelines for Authors (Poster)

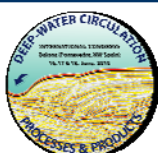
Poster presentations are organized in poster sessions, and poster sessions belonging thematically to the same overall topic are organized in separate poster areas. Each session will be scheduled in a specific day, given in the 3rd Circular and final programme.

The display time is the time for the actual display of all posters of a session. The general display time is from 08:30–19:00 h each day. Authors are kindly asked to put up their posters on the day where the specific session is scheduled as soon as possible (08:00–08:30 h).

During the poster sessions scheduled in the programme book, the authors are kindly asked to stand near their posters for interview and discussion. In general, one numbered poster board is reserved for each poster paper. Dimension of the Posters will be no larger than 100 cm width and 130 cm high. All the material necessary for attaching the poster to the poster board is available at the "Facility Desks" in the poster area. In addition, there are assistants to help authors in putting up or in taking down their posters.

A "Young Scientist Outstanding Poster Paper (YSOPP) Award" is organized to motivate the younger participants in the assembly to present a poster paper.

We will add more information in the 3rd Circular. So, please, check the Congress webpage before the Congress.



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



14. SPECIAL PUBLICATION

Geo-Marine Letters (*published by Springer, Berlin / Heidelberg*) would be pleased to publish the peer-reviewed contribution to the congress. We are therefore planning a special issue (SI) of Geo-Marine Letters on "Deep-water Circulation: Processes & Products" for hardcopy publication in early 2011. Depending on how quickly original manuscripts are submitted, and the reviewing and revision completed, papers could appear online already by late 2010.

Good news: [all colour figures are free of charge!](#)

Dates and links for online submission of original manuscripts:

21st June 2010 Installation of dedicated online link called *SI Baiona* in <http://www.editorialmanager.com/gmle/>

18th July 2010 Deadline for online submission of original manuscripts

Instructions for authors can be found at <http://www.springer.com/earth+sciences/geology/journal/367>, notably in the link called "Types of papers". For your convenience, some key information concerning manuscript preparation and processing is summarised below.

| | |
|--|--|
|  | <p>Geo-Marine Letters</p> <p>An International Journal of Marine Geology</p> <p>Editor-in-Chief: Burghard W. Flemming</p> <p>ISSN: 0276-0460 (print version)</p> <p>ISSN: 1432-1157 (electronic version)</p> <p>Journal no. 367</p> <p>Springer</p> <p>Online version available</p> <p>Online First articles available</p> |
|--|--|

For Geo-Marine Letters standard articles please follow the guidelines and structure outlined below. There are no strict structure/length requirements for review articles, discussion/reply articles, prefaces to special issues, technical papers, etc.

Length: not strictly limited but authors should generally keep the "letter" *nature* of the journal in mind.

Choose between British and American English, and use consistently throughout.

Abstract

Introduction

Physical setting (if not already addressed in the Introduction)

Materials and methods (or Methods)

Results: minimise citation of published work

Discussion (or Discussion and conclusions): presents an interpretation of the results and their significance with reference to published work. Plain repetition of the Results section must be avoided

Conclusions (if not already combined with the Discussion): this is not a summary (cf. the Abstract serves this purpose) but rather focuses on the implications of the main findings

Acknowledgements

References: presents only published/filed works cited in the main text. These are listed alphabetically (multi-author articles: first author only) and then in order of first appearance (In the main text, references are cited by author and



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



year, in order of first appearance and then alphabetically for one/two-author articles, followed by multi-author articles: e.g. Smith 1994, 2005a, 2005b; Jones 1996; Anton and Smith 1996; Jones et al. 1996; Anton et al. 2001).

Any Appendix (comes immediately above the References list)

Figure captions

Any tables, each preceded by its table legend

Extra Information from the Journal Editors

There is no strict size limit for the *Abstract* in this journal. It should nevertheless be concise and as short as possible. Usually, 300–350 words are more than sufficient.

Size of printed page (useful in designing the figures): double-column page: one column=8.6 cm across. Total page print area=17.5 cm across and 23.1 cm down.

Authors in SI Baiona

When submitting your paper online, please take care to choose the special issue (SI) link called: **SI Baiona**

Which will be installed specifically for the special issue "Deep-water Circulation: Processes & Products". Note: there may be more than one SI in preparation at a given time!

Common causes of delay in the formal processing of papers include (1) incomplete references, (2) the citation of figures/tables out of sequence, (3) the submission of non-annotated figure parts and (4) the submission of the text in non-editable formats (e.g. pdf). Thus:

Take care that all references cited in the main text/figure captions/tables appear in the References list, and that all references in the list are cited somewhere in the main text/figure captions/tables.

Take care that the figures/tables are cited sequentially in the main text. The first citation of Fig. 1 must appear before the first citation of all other figures, the first citation of Fig. 2 must appear before the first citation of Fig. 3 and all subsequent figures, etc. This serves as guide for the typesetter to insert the figures/tables in the correct sequence.

Embedded into the actual plot of each figure part, there needs to be an annotation a, b, c ...

Articles with very long tables reporting raw data: these tables will be published as electronic supplementary material (ESM); ESM does not appear in the article itself but only as an online link to the article. Number these tables as Table 1, Table 2 ...

Uploading of files in suitable formats!

On the online submission system, upload the following files/formats:

One, single, editable Word doc file (not docx!) containing the whole text: main text, figure captions, tables (each table preceded by its legend).

The figure files, each figure in a separate file, using standard graphic formats and uncomplicated file names (e.g. Fig1.eps, Fig2.tiff, Fig3.jpeg, ... but not pdf!).

Any files for electronic supplementary material.

Use the table function, not spreadsheets, to make tables.

Use the equation editor or MathType for equations. Note: If you use Word 2007, do not create the equations with the default equation editor but use the Microsoft equation editor or MathType instead.

Copy editing

Once the paper has been accepted by the guest editors of the special issue SI Baiona, but before the page proofs are prepared to be sent to the corresponding author for final checking/approval, the text is copy edited. This entails formal language polishing and a thorough check for completeness. For example, if it has been overlooked that the page numbers are missing for a reference in the References list, then the author will be requested to provide this information. Of course, this would delay the online publication of the paper!



15. SOCIAL PROGRAM

Wednesday 16th Evening

Seawater thermal SPA bath at the Talaso Atlántico Hotel 5 km near Baiona

<http://www.talasoatlantico.com/>

This will offer delegates the opportunity to relax in their first ever “nearly real contourite bath.”

Thursday 17th Evening

Congress dinner (Galician Sea Food).

Saturday 19th

Trip to the Cíes Islands (optional and if weather permitting).



Cíes Island (Photograph courtesy of I. Alejo)

Touristic visits round the Baiona Village

The Baiona council is pleased to organize touristic visits in English around the Baiona Village on the 16th and 17th, June, 2010 (mainly for accompanying persons).

You can download the possible touristic visits at <http://www.baiona.org/?50802,1>, as well as in the DOWNLOAD section of the web page.

We will add specific information in the 3rd Circular. So, please, check the official web page of the Congress.

16. LOCAL INFORMATION, TRANSPORTATION & ACCOMODATION

a. Arriving in Baiona

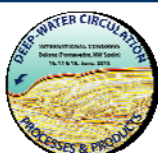
Baiona is approximately 20 km southwest of the Vigo city and 50 km from Pontevedra. The best way to arrive to Baiona is trough Vigo. Vigo is very well communicated with other Galician, National and International cities. Thanks to its airport, harbor, motorways and railways there exits a large transport offer to all prices and needs. See next some general recommendations.

BY PLANE

Baiona is linked by the AP-9 motorway with all Galician airports. It is located at about 20 minutes from the Vigo Airport, which is about 10 km from the Vigo city centre. It has an extend offer of regular flights with Madrid, Barcelona, Bilbao, Canarias, Alicante, Seville, Baleares, Valencia and Malaga; and international connections with Paris, Copenhagen, Frankfurt, Stockholm and Lisbon.

Vigo Airport (Peinador)

Av. del Aeropuerto s/n, Vigo (Spain)



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



Phone: +34 986 268 200

<http://www.aena.es/>

Other useful close airports with a number of national and international connections are *Santiago de Compostela* (Spain) and *Porto* (Portugal) airports. Santiago is about 100 km from Vigo and Porto about 150 km from Vigo.

BY BUS

Main bus connection links Vigo with Madrid, Barcelona, Asturias, Bilbao, Irun, San Sebastian, Zaragoza, Extremadura, and Andalucía. Also, there are some international routes with Portugal (Porto, Lisbon and Algarve), France, Switzerland, Belgian, Holland, Denmark, Germany and Morocco.

Vigo Bus station

Av. de Madrid 57, Vigo, Spain

Phone: +34 986 373 411

Passenger service attendance at + 34 986 207474

<http://www.vigobus.com/>

1. Vigo and Baiona

There are the following regular services between Vigo and Baiona by ATSA Company

Phone: +34 986 610 255

<http://www.canalvigo.es/transporte/autobuses-vigo-atsa.htm>

Monday to Friday: 7:00 am, 7:45 am, 8:00 am and every 30 minutes until the 22:00 h. *Saturdays:* 7:30 am and every 30 minutes until the 22:00 h. *Sunday and holidays:* 8:00 am and every hour until the 15:00 h, 15:30 h and every 30 minutes until the 23:00 h.

2. International buses

See the web page http://www.alsa.es/portal/site/Alsa?portal.alsa.request.locale=en_GB for information.

3. Vigo - Vigo Airport

Vigo council has a complete local service within the city including a link between the Vigo city centre with the airport. See the web page www.vitrassa.es for further information.

BY TRAIN

Vigo is linked daily by train with other Galician cities as Ourense, Pontevedra, Santiago and A Coruña, as well as Portugal (Porto). Also, there are trains to Madrid, Barcelona, León, Irun, Ponferrada and Alicante.

Railway Station of RENFE

Plaza de la Estación s/n, Vigo, Spain

Passenger service attendance at +34 986 269 403

National information: +34 902 240 202

International information: +34 902 243 402

www.renfe.es

BY CAR

Baiona is linked with the Vigo city centre (20 km) in about 25 minute's through the A9 motorway. There is three possible ways to arrive Vigo by car:

1. The northwest motorway links Vigo with Madrid, through the A-52 motorway until Benavente and then through the A-6 motorway until Madrid.
2. The Rías Baixas motorway connects Vigo with the North of Portugal through Tui, Braga, Porto until Lisbon. This motorway is connected with the Vigo-Baiona motorway.
3. The Atlantic motorway links Vigo with the north of Galicia, through Pontevedra, Santiago de Compostela and A Coruña.

Distance between Vigo with major cities: Pontevedra, 24 km; Santiago, 93 km; Ourense, 105 km; A Coruña, 155 km; Lugo, 160 km; Porto, 150 km; Lisbon, 500 km; Madrid, 667 km; Barcelona, 1.132 km.



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



b. Local Information

About Baiona

Approximately 20 km southwest of Vigo lays the small coastal town of Baiona, an attractive and interesting place for all visitors, with a wide range of tourist facilities and pleasant summer climate. Amongst the many noteworthy features are historic and beautiful buildings, art and sculpture, and various cultural venues. The Fortress is a most impressive edifice dominating the harbour entrance, with high surrounding walls and magnificent views. Within the harbour shelters a busy sailing port and the Monte Real yacht club. More information at <http://www.baiona.org>

There are many different styles of accommodation to suit all budgets and needs (further information below.)



c. Baby-sitter Service

Organizing Committee is pleased to announce a baby-sitter service during the congress days from 08:30 to 19:00 within the conference venue, at the Parador Conde de Gondomar. If any delegate should need this service out of this time it could be requested.

d. Transportation

Bus Service

Organization is working to offer a free shuttle service between the airport in Vigo and Baiona. This service is planning to be active the afternoon and evening of the 15th June, as well as the evening of the 18th, and all day during the 19th.

Also a free shuttle service will be organized each day between hotels and the Parador Conde de Gondomar (the conference venue).

Further details will be given on final 3rd Circular. So, please, check this web page before the Congress.

Taxi facilities

Local Taxi facilities are also offered for delegates. Special prices have been already offered by local taxi drivers for services between the airport and Baiona (if necessary), around Baiona, hotels, etc. Booking service can be done through ORGANIZA+ (Technical Secretariat), Organizing Committee, or directly to the phone number +0034 629 458914 (Elias).

Further details will be given on the final 3rd Circular. So, please, check this web page before the Congress.

e. Accommodation

Hotel Reservation

The Parador Conde de Gondomar, hotels, hostels, apartments from Baiona and surrounded areas have offered a special price for accommodation for delegates of the congress. Therefore, reservations have been made with an economic risk and are subject to cancellation policies imposed by the establishments themselves. Due to this fact, we can only confirm a reservation if you have made the payment, and you have also notified it to the Technical Secretariat (info@organizamas.com) with enough time.



Deep-water Circulation: Processes & Products

<http://www.facultadeccondomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



| HOTEL | Cat. | Price (€) | |
|---|-----------------|---|---|
| | | Single room | Double room |
| • Parador Nacional Conde de Gondomar C/ Jesús Valverde s/n. Baiona. Pontevedra (<i>Spain</i>). Phone: 986 35 50 00/ Fax: 986 35 50 76 www.parador.es | Parador **** | 145 (Supl. Sea view= 175) | 197 (Supl. Sea view= 227) |
| • Hotel SPA Talaso Atlántico Carretera Baiona-A Guarda. Faro Silleiro. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 38 50 90 / Fax: (+ 0034) 986 358051 http://www.talasoatlantico.com | **** | 65,97 | 100 |
| • H Bahía Bayona Avda. Santa Marta, 13. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 38 50 04 / Fax: (+ 0034) 986 3566 45 www.hotelbahiabayona.com | *** | 83,46 (Room with a sloping ceiling= 78,11) | 11,28 (Room with a sloping ceiling= 94,16) |
| H Bayona C/ Conde, 36. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 38 50 30 / Fax: (+ 0034) 986 3551 92 | ** | 36 | 40 |
| H Entre Robles C/ Benito Fariñas, 50 Sabarís. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 38 69 84 / Fax: (+ 0034) 986 3869 85 www.hotelentrerobles.com | ** | 50 (tentative price) | 90 (tentative price) |
| • H La Anunciada C/ Ventura Misa, 58. Baiona. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 35 60 18 / Fax: (+ 0034) 986 35 61 92 www.hotel-anunciada.com | ** | 41,20 | 60,99 |
| • H Pazo de Mendoza C/ Elduayen, 1. Baiona. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 38 50 14 / Fax: (+ 0034) 986 38 59 88 www.pazodemendoza.es | ** | 70 | 85 |
| • HR Tres Carabelas C/ Ventura Misa, 61. Baiona. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 35 51 33 / Fax: (+ 0034) 986 35 59 21 www.hoteltrescarabelas.com | ** | 54,27 | 73,95 |
| • H Arce C/ Julián Valverde, 40 - Sabarís. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 38 60 60 www.hotelarce.com | * | 71,12 | 87,22 |
| • HR Avenida C/ Julián Valverde, 41 – Sabarís. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 35 47 28 www.infohostal.com | * | 68,90 | 85 |
| • HR Cais C/ Alférez Barreiro, 3. Baiona. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 35 56 43 | * | 71,11 | 75,56 |
| • HR Carabela La Pinta C/ Carabela La Pinta, 21. Baiona. Pontevedra. (<i>Spain</i>). Phone: 986 35 51 07 / Fax: 986 35 80 42 www.hotelcarabelapinta.com | * | 36,67 | 56,67 |
| • HR Pinzón C/ Elduayen, 21. Baiona. Pontevedra. (<i>Spain</i>). Phone: (+ 0034) 986 35 60 46 | * | 71,11 | 75,56 |



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



| | | | |
|--|---|-----------------------------|-----------------------------------|
| • HR Vasco de Gama Avda. José Pereira Troncoso, 18. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 33 50 | * | 37,56 | 53,50 |
| P El Viejo Galeón Rúa Areas, 28 – Sabarís. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 02 07 www.elviejogaleon.es | ** | 50 (two individual beds) | 60 (double bed + 1 single bed) |
| P Kin Rúa Ventura Misa, 27. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 56 95 | * | 40 (tentative price) | 50 (tentative price) |
| PR Santa Marta Playa Camiño do Muíño, 4 – Baíña. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 60 45 | ** | --- | 40 (tentative price) |
| CR Rivera Camiño Triguído, 53 - Belesar. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 40 24 www.casarivera.es | | 45 (tentative price) | 60 (tentative price) |
| CR San Lourenzo A Granxa, 26 – Belesar. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 45 99 www.casasanlourenzo.com | | 43 (tentative price) | 54 (tentative price) |
| CR San Antón Chan de Xugo, 32 – Fontes (Baíña), Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 57 29 / 986 38 50 04. Fax: (+ 0034) 986 35 66 45 http://www.alojamientogallego.com/index.php?w=r&id=1135 | | --- | 48 (tentative price) |
| Apartamentos de vacaciones "Mirador Ría de Bayona" Avda. Santa Marta - O Burgo. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 27 39 / 667 64 79 23 www.riadebayona.com | Departments for 1 until 11 people, with parking and daily cleaning. 40% of discount of the official Price indicated at www.riadebayona.com | | |
| Apartamentos Ababides C/ Percibilleira, 23. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 600 43 06 12 www.ababides.com | Departments for 2, 4 and 6 people at 50, 80 and 120 Euros | | |
| Aparthotel Soto C/ Laxe, 9. Baiona. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 53 32 / 696 795 131 www.casasoto.com | Departments for 2, 3, 4 and 6 people at 55, 60, 70 and 95 Euros | | |
| Camping Bayona Playa Playa Ladeira, Sabarís. Pontevedra (<i>Spain</i>). Phone: (+ 0034) 986 35 00 35 www.campingbayona.com | Bungalows and pitches at good prices. For rates see http://www.campingbayona.com | | |

TERMS AND CONDITIONS

Technical Secretariat only book hotels selected with a red point (●). Other hotels, apartments and camping should be booked directly by interested people.

Reservations will only be considered confirmed if the payment has been made and the Technical Secretariat has been notified.

You can be sure that your reservation has been processed ONLY if you receive your confirmation at the end of the process. To confirm your reservation an e-mail address is always obligatory.

See the METHOD OF PAYMENT and HOTEL RESERVATION CANCELLATION POLICY at the registration form.



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



17. REGISTRATION FORM

Download registration form directly on the official web page of the Congress:

<http://www.facultadeccdomar.es/contourites>

18. SUPPORTING INSTITUTIONS

Organising Organisations



Universidad de Vigo (Spain)



Heriot Watt University (UK)



Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, Italy)



Instituto Geológico y Minero de España (IGME, Spain)



Renard Centre of Marine Geology, Ghent University (Belgium)



Instituto Español de Oceanografía (IEO, Spain)



Laboratorio Nacional de Energia e Geologia (LNEG, Portugal)



Consejo Superior de Investigaciones Científicas (CSIC, Spain)



Edinburgh Collaborative of Subsurface Science and Engineering (ECOSSE, UK)



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



Collaborating Organisations



Universidad de Cadiz (UCA, Spain).



National Oceanographic Centre, Southampton (NOCS, UK)



Instituto Hidrográfico de la Marina (IHM, Spain)



Servicio de Hidrografía Naval (SHN, Argentina)



British Antarctic Survey (BAS, UK).



Alfred Wegener Institute (AWI, Germany).



International Association of Sedimentologists (IAS)



Consellería de Medio Ambiente e Desenvolvemento Sostible
(Xunta de Galicia, Spain)



Centro Tecnológico do Mar-Fundación (CETMAR, Spain)



Asociación de Oceanógrafos de Galicia



Sociedad Geológica de España (SGE, Spain)



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



19. SPONSORS



REPSOL



TGS-NOPEC



PETROBRAS



UNION FENOSA

GAS NATURAL



SECEG

SECEG SA (Sociedad Española de Comunicación del Estrecho de Gibraltar)



Symrad, S.L.



Esgemar, S.A.


GEOMY TSA
 Geofísica Mar y Tierra
www.geomytsa.es

Geomytsa



Tecmarin



Edinburgh Collaborative of Subsurface Science and Engineering (ECOSSE, UK).



Baiona council


Rías Baixas
 Turismo

Turismos Rías Baixas



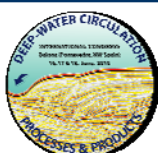
ORGANIZA+



Hotel Talaso Atlántico



Paradores de España



Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.



20. DOWNLOADS

Following information can be downloaded from the official web page of the Congress:
<http://www.facultadeccdomar.es/contourites>

- POSTER
- 1st CIRCULAR
- LOGO
- 2nd CIRCULAR
- REGISTRATION & ACCOMODATION FORM
- ABSTRACT PATTERN FOR GEO-TEMAS
- MAP FROM AIRPORT TO BAIONA
- MAP FROM BAIONA WITH HOTEL
- MAP FROM BAIONA WITH TURISTIC INFORMATION
- TOURISTIC VISITS AROUND THE BAIONA VILLAGE
- BAIONA CONGRESS ON NEWS

21. INFORMATION FOR MEDIA

For any national or international request for media about the international congress “Deep-water Circulation: Processes & Products”, please contact:



Jose Miguel Viñas (info@divulgameteo.es)

Physicist of atmosphere specialised on scientific divulgation (<http://www.divulgameteo.es/>).

22. CONTACT US

Prof. Dr. Francisco Javier Hernández Molina

FACULTAD DE CIENCIAS DEL MAR

Dpto. de Geociencias Marinas y O. T.

Universidad de Vigo

E-36200 Vigo (Pontevedra), Spain

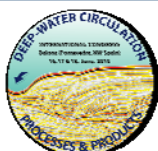
Phone Direct: +34 986-814017

Fax: +34 986-812614

E-mail: contourites@uvigo.es



Galician beaches (Photograph courtesy of C. Martín)

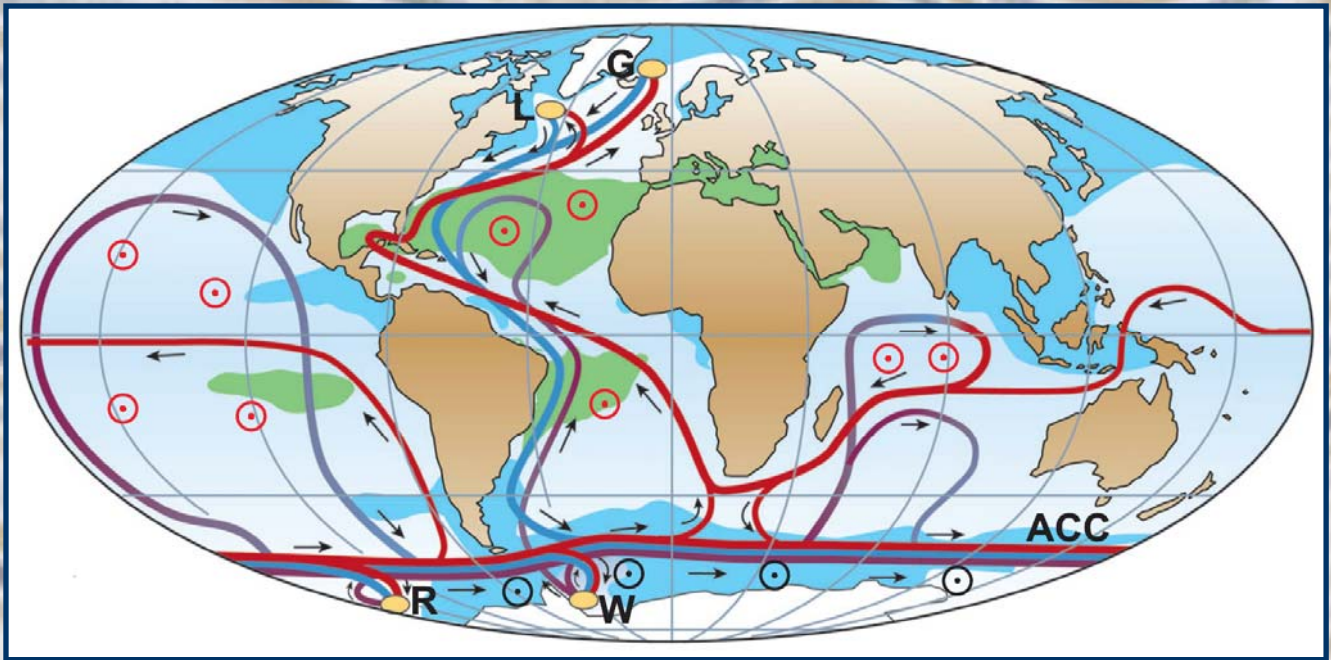


Deep-water Circulation: Processes & Products

<http://www.facultadeccdomar.es/contourites>

16, 17 & 18, June, 2010. Parador Conde de Gondomar, Baiona, Pontevedra, Spain.





Rahmstorf, 2006. Encyclopedia Quat. Sci. (Modified from Broecker, 1991)



<http://www.facultadeccdomar.es/contourites>

Graphic design of the 2nd Circular by Lea Korhonen (lea_korhonen@yahoo.com)