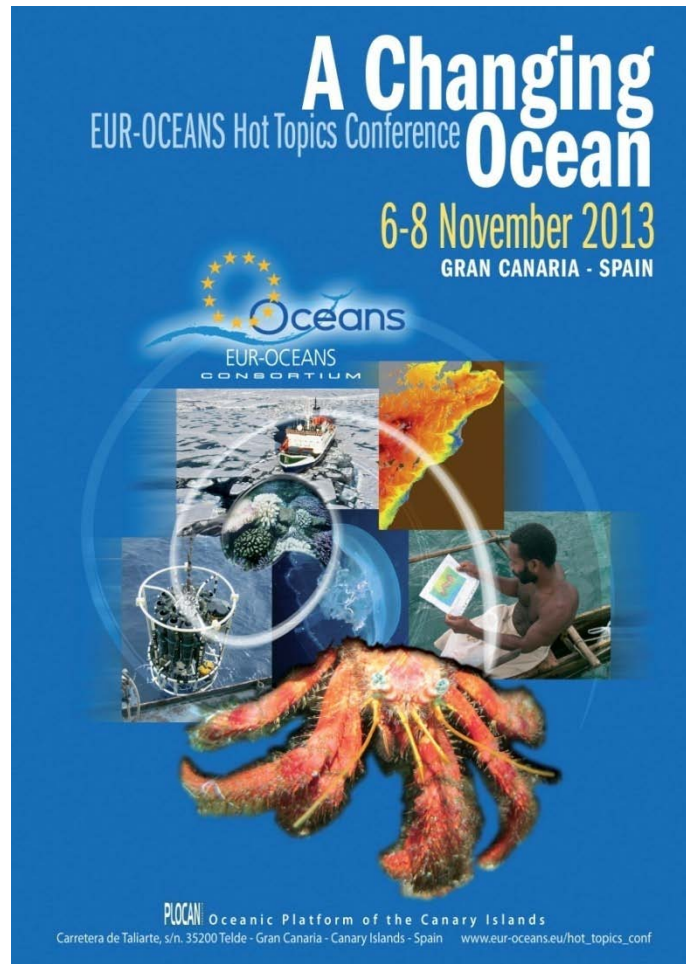


Provisional programme (v1.1)



OVERVIEW

The conference aims at showing progress and perspectives on selected 'hot topics' in Marine Science. Over the past 5 years, the EUR-OCEANS Consortium has identified, supported and promoted a number of such topics, notably by funding foresight workshops, flagship programs and other types of activities.

The 2.5-day conference also intends to pave the way for the integration of the EUR-OCEANS community in the future EuroMarine+ Consortium. In 2014, this Consortium will replace three former networks of excellence: EUR-OCEANS, MarBEF and Marine Genomics Europe. The conference will discuss opportunities for new multidisciplinary approaches, which such integration opens up, notably in the 'trading zones' where the three scientific communities can jointly address topics of common interest. Selected hot topics include:

1. Ocean deoxygenation and acidification
2. High resolution ocean (or how meso and submesoscale physics constrains biogeochemistry and biology)
3. Rapid change in polar oceans
4. Ecosystem models and biodiversity scenarios for changing oceans
5. Links between marine ecology, biodiversity and genomics
6. Plasticity, epigenetics, adaptativeness.

Sessions on the above topics will leave ample room for discussion (1 to 1.5 h) after two invited (30') keynote talks. A final session will focus on the production of one or more joint synthesis article(s) and on future advances to be made within the EuroMarine+ context. Posters will be welcomed. Data and journal publishers also meet at the venue and a conference keynote presentation will highlight the future of open access, cross-disciplinary publication as a mean for integration. Progress on the EuroMarine+ Consortium Agreement will be presented and a signature ceremony should be held to mark the transition to EuroMarine+.

conference webpage: www.eur-oceans.eu/hot_topics_conf

registration: www.eur-oceans.eu/registration2013

contact: conference2013@eur-oceans.eu

DAY 1 – WEDNESDAY 6 NOV.

REGISTRATION – 9:00

INTRODUCTION – 9:40

Philippe Cury (IRD)

SESSION 1 – OCEAN DEOXYGENATION AND ACIDIFICATION

Chair 1: Paul Tréguer (UBO)

Chair 2: Melchor González Dávila (ULPGC)

Keynote speaker 1: Andreas Oschlies (GEOMAR)

Keynote speaker 2: Ulf Riebesell (GEOMAR)

Discussion

SESSION 2 – HIGH RESOLUTION OCEAN (OR HOW MESO AND SUBMESOSCALE PHYSICS
CONSTRAINS BIOGEOCHEMISTRY AND BIOLOGY)

Chair 1: Marina Lévy (CNRS)

Chair 2: Sabrina Speich (UBO)

Keynote speaker 1: Raffaele Ferrari (MIT)

Keynote speaker 2: Shafer Smith (NYU)

Discussion

SESSION 3 – RAPID CHANGE IN POLAR OCEANS

Chair 1: Eugene Murphy (BAS)

Chair 2: Marcel Babin (U. Laval)

Keynote speaker 1: Eugene Murphy (BAS)

Keynote speaker 2: Marcel Babin (U. Laval)

Discussion

DAY 2 – THURSDAY 7 NOV.

SESSION 4 – ECOSYSTEM MODELS AND BIODIVERSITY SCENARIOS FOR CHANGING
OCEANS

Chair 1: Philippe Cury (IRD)

Chair 2: to be confirmed

Keynote speaker 1: Nils C. Stenseth (U. Oslo)

Keynote speaker 2: Olivier Aumont (IRD)

Discussion

SESSION 5 – LINKS BETWEEN MARINE ECOLOGY, BIODIVERSITY AND GENOMICS

Chair 1: Patrizio Mariani (DTU-Aqua)

Chair 2: Chris Bowler (ENS)

Keynote speaker 1: Colomban de Vargas (CNRS)

Keynote speaker 2: Alexandra Worden (MBARI; to be confirmed)

Discussion

SESSION 6 – PLASTICITY, EPIGENETICS, ADAPTATIVENESS

Chair 1: Colomban de Vargas (CNRS)

Chair 2: Maurizio Ribera d'Alcalà (SZN)

Keynote speaker 1: Chris Bowler (ENS)

Keynote speaker 2: Thomas Mock (UEA)

Discussion

DAY 3 – FRIDAY 8 NOV. (UNTIL APPROX. 13:00)

FINAL WRAP-UP SESSION – FUTURE ADVANCES, JOINT SYNTHESIS ARTICLE(S)

POSTERS & POSTER PRESENTATIONS

Posters (selected on the basis of their relevance to sessions and time of submission) will be displayed outside the conference room. Brief **poster presentations** will be arranged. Poster abstract submission (deadline 30 June) is through the online registration form (at the time of registration or at a later time, provided you save the link to your registration form which is provided in the submission confirmation page). Optimal poster dimensions (suited to the hanging system) are 90x60 cm.

TIMELINE

Registration opens:	29 May
Deadline to submit abstract:	30 June
Deadline to submit funding request:	30 June
Poster acceptance notice:	24 July
Funding request acceptance notice:	24 July
Registration closes:	31 July

Conference start:	6 November, 9:00
Conference ends:	8 November, 13:00

Conference webpage: www.eur-oceans.eu/hot_topics_conf
Online registration: <http://www.eur-oceans.eu/registration2013>
Practical information: <http://bit.ly/16savll>

OTHER EVENTS (BACK-TO-BACK OR DURING CONFERENCE)

Workshop on data integration in marine science – Collaborations between journal and data publishers/databases: 4-5 November

Update on EuroMarine+ and signature ceremony for the EuroMarine+ Consortium Agreement: slot between 6-8 November to be confirmed.

MAIN SPONSORS

