



CLIVAR

Open Science Conference
Qingdao, 2016

18-25 SEPTEMBER 2016 QINGDAO, CHINA

18, 24-25 September: Early Career Scientists Symposium

19-23 September: Open Science Conference

ABSTRACTS

Abstracts can be submitted via the Conference website www.clivar2016.org until **25 March 2016**. Abstracts must be submitted to one of the OSC sessions; see reverse for session overview. Selected contributions will be invited for oral presentation, all others as posters. Contributors may submit up to 3 abstracts. All abstracts must be submitted in English, with a maximum of 500 words, text and symbols only.

POSTER CLUSTERS

In order to encourage coordination and further integration of research activities within and across WCRP, and with other climate and ocean research activities, groups are encouraged to self-organize and submit clusters of posters addressing a specific research topic. Posters in a cluster will be displayed together during the appropriate poster session.

Please send the title, name of the organizer, and a two line description, well before March 25, to Nico Caltabiano (nico.caltabiano@clivar.org) at the ICPO. If you wish to open your cluster for participation of people that you have not previously contacted to be part of the cluster, also let Nico know. We will then post information about your cluster on the Conference website with instructions that anyone interested in joining the cluster should first contact the cluster organizer.

Poster clusters can address past accomplishments but should also be forward-looking. A brief accompanying white paper can also be submitted for inclusion in the OSC program materials and to inform development of the CLIVAR implementation plan. See www.clivar2016.org for further guidance.

TOWN HALLS

Town halls are seen as a key element of the CLIVAR 2016 Open Science Conference to focus on aspects that may not be explicitly or fully covered in the main programme (e.g., regional observational efforts, modeling and/or data initiatives, services, etc.), or to develop or promote new scientific directions, projects or experiments. There is the possibility of scheduling up to 6 town hall events on both Tuesday and Wednesday evenings (6:00-7:00 pm or 7:30-8:30 pm).

The Scientific Organizing Committee (SOC) invites proposals from individuals or groups interested in organizing a town hall at the OSC. Proposals should outline the topic and purpose of the town hall, how it relates to CLIVAR and any anticipated outcomes, and should not exceed 500 words. Please also identify a lead person and provide contact details. This information should be submitted using the template provided on www.clivar2016.org no later than **15 June** to Lei Han at the ICPO (lei.han@clivar.org) with "OSC Town Hall" in the subject line. The SOC will review all proposals and notify successful candidates no later than 30 June.

TRAVEL GRANTS

Limited resources are available to support attendance of researchers from developing countries and early career scientists. Financial assistance can be requested only via the conference website on submission of an abstract. Deadline for requests is **25 March 2016**. Participants requesting support will be notified of the availability of funds in **May and June**.

REGISTRATION

The Conference venue can host a maximum of 700 participants. In order to avoid disappointment, register early: Registration fee on or before 15 June. Regular: 300 euros; Student: 175 euros.

www.clivar2016.org
info@clivar2016.org



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OSC Programme outline

19-23 September 2016

Monday: Ocean's Role in the Climate System

- Monika Rhein: Energy
- Laurent Bopp: Carbon
- Ray Schmitt: Water

Parallel sessions

1.1 Energy

Chairs: Karina von Schuckman, Matthew Palmer

1.2 Carbon

Chairs: Pedro Monteiro, Curtis Deutsch

1.3 Water

Chairs: Paul Durack, Sonia Seneviratne

Keynote: Thomas Stocker

Tuesday: Climate Variability and Predictability

- Harry Hendon: Intraseasonal to Interannual
- Rowan Sutton: Decadal
- Kim Cobb: Centennial to Millennial

Parallel sessions

2.1 Intraseasonal to Interannual

Chairs: Aida Diongue, Rodney G. Martinez

2.2 Decadal

Chairs: Paco Doblado Reyes, Yochanan Kushnir

2.3 Centennial to Millennial

Chairs: Pascale Braconnot, Axel Timmermann

Keynote: Magdalena Balmaseda

Wednesday: Understanding Ocean and Climate Processes

- Raffaele Ferrari: Mixing and Stirring
- Rym Msadek: Ocean and Climate Dynamics
- Weidong Yu: Upwelling and Frontal Zones

Parallel Sessions

3.1 Mixing and Stirring

Chairs: Marina Levy, Baylor Fox Kemper

3.2 Ocean and Climate Dynamics

Chairs: Shoshiro Minobe, Matthew England

3.3 Upwelling and Frontal Zones

Chairs: Enrique Curchitser, Mauricio Mata

Keynote: Jennifer MacKinnon

Thursday: The Ocean in a Warmer World

- Michael Alexander: Climate Modes
- Anny Cazenave: Sea Level
- Fan Wang: Boundary Currents

Parallel sessions

4.1 Climate Modes

Chairs: Krishna AchutaRao, Eric Guilyardi

4.2 Sea Level

Chairs: Aimee Slangen, Benoit Meyssignac

4.3 Boundary Current Systems

Chairs: Sabrina Speich, Toshio Suga

Keynote: Wenju Cai

Friday

Plenary 5 Climate Information and Sustainable Development

Chair: Martin Visbeck

- Jane Lubchenco
- TBD
- Arame Tall

Panel Discussion

Vladimir Ryabinin, Guy Brasseur, Lisa Goddard, Bruce Hewitson

Plenary 6 Future of Climate and Ocean Science

Chair: Annalisa Bracco

- Valerie Masson- Delmotte
- Matt Collins
- Nicolas Gruber

Panel Discussion

In-Sik Kang, Lynne Talley, Gavin Schmidt, Lixin Wu

ECS Symposium Programme outline

Sunday 18 September

Plenary session: CLIVAR in the context of major climate programmes

Short keynote talks and introduction to working groups:

- Ocean's Role in the Climate System
- Climate Variability and Predictability
- Understanding Ocean and Climate Processes
- The Ocean in a Warmer World
- Climate Information and Sustainable Development

Monday-Friday 19-23 September

Poster and oral presentations

Mentoring programme

Lunchtime workshops

- Working towards equality in science
- Effective science communication
- How to prepare a CV for academic positions

Saturday 24 September

Workshop - Science Frontiers

Working group presentations

Sunday 25 September

Workshop - ECS organizations in climate science

