

# OCEAN *and* CLIMATE FORUM

Friday, April 11, 2008

*and*

Saturday, April 12, 2008

Kline Geology Laboratory Room 123

210 Whitney Avenue

## FRIDAY, APRIL 11, 2008

1:45 PM – 2:00 PM

Session Chair: Karl Turekian, Yale University  
Introduction

2:00 PM – 3:00 PM

David Marshall, Oxford University  
*Ocean circulation: theory and challenges*

3:00 PM – 3:30 PM: COFFEE BREAK

3:30 PM – 4:30 PM

Fiamma Straneo, Woods Hole  
Oceanographic Institution  
*What is the role of dense water formation  
in the global ocean circulation and climate?*

4:30 PM – 5:30 PM

Jennifer MacKinnon, Scripps  
Institution of Oceanography  
*Ocean small-scale mixing  
and internal waves*

5:30 PM – 6:00 PM

Reception – KGL 101

## SATURDAY, APRIL 12, 2008

8:30 AM – 9:00 AM

Continental Breakfast

Session Chair: Alexey Fedorov, Yale University

9:00 AM – 10:00 AM

Harry Bryden, University of Southampton  
*The Atlantic meridional overturning circulation*

10:00 AM – 10:30 AM: COFFEE BREAK

10:30 AM – 11:30 AM

Mary-Louise Timmermans, Woods Hole  
Oceanographic Institution  
*Arctic Ocean circulation and climate*

11:30 AM – 12:30 PM

Agatha de Boer, University of East Anglia  
*The Southern Ocean and climate*

12:30 PM – 1:30 PM: LUNCH

Session Chair: Steve Sherwood, Yale University

1:30 PM – 2:30 PM

Steve Griffies, GFDL, Princeton  
*Physical problems in simulating the ocean  
climate*

2:30 PM – 3:00 PM: COFFEE BREAK

3:00 PM – 4:00 PM

Annalisa Bracco, Georgia Institute of Technology  
*Interannual to decadal variability in the Indian  
Ocean*

4:00 PM – 5:00 PM

Niklas Schneider, University of Hawaii  
*Pacific Ocean climate variability and circulation*



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