

PODS ATTENDEES:

Mesoscale eddies and sea surface temperature fronts in Eastern Boundary Current Systems

CAITLIN M. AMOS, DEPARTMENT OF MARINE SCIENCES, UNIVERSITY OF GEORGIA

The role of phytoplankton morphology on dominance under different turbulent regimes

RUSSELL N. ARNOTT, DEPARTMENT OF ARCHITECTURE & CIVIL ENGINEERING,
UNIVERSITY OF BATH

Transient rip currents in a laboratory wave basin: Short-crested wave breaking, eddy evolution, and cross-shore exchange

CHRISTINE M. BAKER, DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING,
UNIVERSITY OF WASHINGTON

What is the role of sea ice in modulating momentum transfer into the ocean?

SAMUEL D. BRENNER, SCHOOL OF OCEANOGRAPHY, UNIVERSITY OF WASHINGTON

The southern hemisphere climate and its response to ozone recovery

HOURAA DAHER, DEPARTMENT OF OCEAN SCIENCES, ROSENSTIEL SCHOOL FOR MARINE &
ATMOSPHERIC SCIENCES, UNIVERSITY OF MIAMI

Dynamics of coherent (sub)mesoscale structures in the Arabian Sea

CHARLY P. DE MAREZ, LOPS, UNIVERSITÉ DE BRETAGNE OCCIDENTALE

Control of the abyssal ocean overturning circulation by mixing-driven bottom boundary layers

HENRI F. DRAKE, DEPARTMENT OF EARTH, ATMOSPHERIC, AND PLANETARY SCIENCES, MIT-
WHOI JOINT PROGRAM

Role of upper ocean turbulence in the Southern Ocean on biogeochemical cycles

ELIZABETH C. ELLISON, DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING, GRANTHAM
INSTITUTE OF CLIMATE CHANGE, IMPERIAL COLLEGE LONDON

Spatial and temporal variability in the northeast Atlantic subtropical gyre and implications for the biogeochemistry of the region

HELENA FRAZÃO, FACULTY OF MATHEMATICS & NATURAL SCIENCES, ROSTOC UNIVERSITY

Fine-scale processes in the basal melting of Antarctic ice shelves

MADELAINE M. GAMBLE ROSEVEAR, INSTITUTE OF MARINE & ANTARCTIC STUDIES,
UNIVERSITY OF TASMANIA

Dynamical framework for exchange flows in semi-enclosed basins:

Implications for transport of properties

MARIA F. GASTELU BARCENA, DEPARTMENT OF COASTAL & CIVIL ENGINEERING,

UNIVERSITY OF FLORIDA

Turbulence in the sea ice impacted Southern Ocean and its implications for primary production and carbon export

ISABELLE S. GIDDY, DEPARTMENT OF MARINE SCIENCES, UNIVERSITY OF GOTHENBURG & DEPARTMENT OF OCEANOGRAPHY, UNIVERSITY OF CAPE TOWN

The role of symmetric instability in different components of the AMOC

FRASER W. GOLDSWORTH, DEPARTMENT OF PHYSICS, UNIVERSITY OF OXFORD

Dynamics of the Southern Ocean from observations in the Drake Passage

MANUEL O. GUTIERREZ-VILLANUEVA, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO

Ocean-atmosphere feedbacks in two tropical atmospheric regimes:

The Inter-Tropical Convergence Zone and the trade winds

SUNEIL IYER, SCHOOL OF OCEANOGRAPHY, UNIVERSITY OF WASHINGTON

Understanding iceberg and glacier melt from ocean observations in Greenland fjords

MARGARET R. LINDEMAN, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO

Global changes in mesoscale currents and coherent eddies from satellite altimetry

JOSUÉ MARTÍNEZ MORENO, RESEARCH SCHOOL OF EARTH SCIENCE, AUSTRALIAN NATIONAL UNIVERSITY

From Greenland fjords to the Labrador Sea: Mechanisms of heat and freshwater transport in mesoscale eddy active ocean/sea-ice simulations

THERESA J. MORRISON, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO

Structure, variability, and dynamics of the West Greenland Boundary Current System

ASTRID PACINI, DEPARTMENT OF PHYSICAL OCEANOGRAPHY, MIT-WHOI JOINT PROGRAM

Physical controls on Southern Ocean biogeochemistry

CHANNING PREND, SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO

Characterising water mass and circulation change using heat and carbon covariability during the anthropogenic era

CHARLES TURNER, SCHOOL OF OCEAN AND EARTH SCIENCES, UNIVERSITY OF SOUTHAMPTON

Uncovering the physics of the mixing efficiency of stably-stratified turbulence

YOUNG (PAUL) RO YI, DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING, STANFORD UNIVERSITY

Dynamics of ocean circulation in glacial fjords and ice-shelf cavities

KEN ZHAO, DEPARTMENT OF ATMOSPHERIC & OCEANIC SCIENCES,
UNIVERSITY OF CALIFORNIA, LOS ANGELES

The interactions between ocean, ice shelf, and sea ice in the Amundsen Sea

YIXI ZHENG, SCHOOL OF ENVIRONMENTAL SCIENCES, UNIVERSITY OF EAST ANGLIA

**Effects of surface waves on wind stress and upper ocean response under
tropical cyclones**

XIAOHUI ZHOU, GRADUATE SCHOOL OF OCEANOGRAPHY, UNIVERSITY OF RHODE ISLAND