

Curriculum Vitae

ANNALISA BRACCO

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Education

2006- Assistant Professor in Oceanography, Georgia Institute of Technology.

2005-2006 Assistant Scientist, Woods Hole Oceanographic Institution, Dept. of Physical Oceanography, Woods Hole (MA), USA.

2002-2005 Junior UNESCO research scientist at the Abdus Salam International Center for Theoretical Physics, Trieste, Italy.

2000-2002 Postdoctoral Scholar, Woods Hole Oceanographic Institution, Dept. of Physical Oceanography, Woods Hole (MA), USA. Sponsors: Dr. J. Pedlosky and Dr. J. LaCasce.

1997-2000 Doctorate (Ph.D.) in Geophysics, University of Genova. Title of the Thesis: "Dynamics of coherent vortices in geophysical flows". Supervisor: Dr A. Provenzale.

1991-1995 Laurea (B.S.) in Physics, University of Torino, July 1995. Title of the Thesis: "Dinamica di fluidi noncollisionali in 1+1 dimensioni".

Professional experiences

2005 Co-organizer of the first ICTP workshop on "Climate variability in Africa", Alexandria, Egypt.

2004 Co-organizer of the second ICTP workshop on "Climate variability studies in the ocean"

2003 Key lecturer on 'Vortex dynamics and interactions of planktonic ecosystems and marine circulation' at the "Advanced Study School on Nonlinear Processes in Marine Science", Hageri, Estonia.

2003 Co-organizer of the first ICTP workshop on "Climate variability studies in the ocean"

2003 Oceanographic Research Cruise. R/V Oceanus. Chief Scientists: Jack Whitehead and Richard Limeburner. CTD survey and moored array recover to study the Antarctic bottom water variability in the Equatorial Atlantic.

2002 Invited lecturer at the International Seminar and Workshops on Chemical and Biological

Activity in Flows, Max-Planck Institute for Complex System, Dresden, Germany.

2001 Oceanographic Research Cruise. R/V Oceanus. Chief Scientists: Jack Whitehead and Richard Limeburner. CTD survey and moored array recover to study the Antarctic bottom water variability in the Equatorial Atlantic.

2000 Scientific collaboration for CINFAI (Consorzio Interuniversitario Nazionale per la Fisica delle Atmosfere e delle Idrosfere) to study the impact of coherent vortices on dispersion of CO₂ on synoptic scale in the atmosphere.

2000 Guest Research Scientist at the Laboratoire d'Astrophysique de Marseille.

Awards and Fellowships

2001 NSF Student and Young Scientist Travel Award Grant.

2000 Postdoctoral Scholar Award at the Woods Hole Oceanographic Institution.

1999 Fellowship at the Gran Combin International Summer School on "*Transport and mixing in geophysical flows*", St. Oyen (Italy).

1998 Fellowship to the International School in Applied Mathematics on "*The mathematical approach to turbulence: numerical and analytical techniques*" Certosa di Pontignano (Italy).

1998 NATO fellowship to the Winter School in "*Ocean Modeling and Parameterization*", Les Houches Center for Theoretical Physics, Les Houches (France).

1997 E.U. Research fellowship TAO Program (Transport in the Atmosphere and in the Ocean) at the Laboratoire de Physique des Oceans, IFREMER, Brest (France).

1997 Fellowship to the Geophysical Fluid Dynamics Summer School, Woods Hole Oceanographic Institution, MA - USA.

Referee for *Continental Shelf Research*, *Journal of Marine Research*, *Journal of Marine Systems*, *Journal of Fluid Mechanics*, *Chaos*, *Journal of Geophysical Research* and *Physics of Fluids*.

Proposal and Panel reviewer for the National Science Foundation.

Ph.D. Students Co-Advised: Inga Koszalka enrolled in the Program in Environmental Fluid Dynamics, Torino, Italy, and Yost Boukhriss, enrolled in the Physical Oceanography program at the University of Tunis, Tunisia.

Master Student Advised: Asha Nair, now graduate student at the International School of Advanced Studies (SISSA), in Italy.