



WOODS HOLE OCEANOGRAPHIC INSTITUTION

2005 Postdoctoral Symposium

October 25, 2005

9:00-10:30 Session I

Tim Verslycke
Jeomshik Hwang
Margaret Boettcher
Linda Kalnejais
Anna Nikolopoulos
Angela Dickens

Chairs: Burkard Baschek and Jed Goldstone

The secret death of lobsters...and other marine crustaceans
Molecular composition of particulate organic matter in the ocean
Deformation of the shallow oceanic mantle: implications for earthquake processes
Speciation of trace metals in sediments: implications for the fate of contaminants
Results from the Beaufort Shelfbreak: Where did the water go?
Residence times of terrestrial organic carbon in watersheds: Natural variability and response to anthropogenic perturbations

10:30-11:00 Break

11:00-12:00 Session II

Jens Holtvoeth

Baoxi Han
Jed Goldstone
Carl Lamborg

Chair: Enno Schefuß

Rapid climate changes reflected by high-resolution multimolecular biomarker records from North Atlantic drift sediments
Continuous-flow Accelerator Mass Spectrometry
Living in a genomic world: questions (and answers?) from animal genomes
Comparison of Remineralization Time and Space Scales for Sinking Particles at Station ALOHA

12:00-1:30 Lunch

1:30-3:00 Session III

Andrey Shcherbina
Jeremiah Hackett
Pascale Poussart

Candace Major
Maria Hansson
Bill Thompson

Chair: Christine Hunter

Autonomous Underwater Vehicle observations off Outer Cape Cod
Application of genomic tools to the formation of toxic algal blooms
From land to sediments: A travel diary of terrestrial organic matter using molecular level radiocarbon analysis
The ocean's role in abrupt climate change
Atlantic salmon ecology, tetraploidy and AHR genes
Improving Late Quaternary chronologies with a fresh approach to U-series coral dating

3:00-3:15 Break

3:15-4:30 Session IV

Ann Tarrant
Luc Rainville
Breea Govenar

Brad Rosenheim

Rinat Gabitov

Chair: Andrey Scherbina

Comparative endocrinology in corals and copepods
Waves and currents: from small to large scales, and back
Community dynamics at hydrothermal vents on the East Pacific Rise and the Galapagos Rift
Establishing the oceanographic horizons of a continuous flow accelerator mass spectrometer
Partitioning of trace elements and stable isotopes between calcium carbonates and fluid: An experimental study

5:00-7:00 Reception Main Building