

Line P Workshop

Tuesday, 11 March 2008

Stewart Auditorium, Institute of Ocean Sciences, 9860 West Saanich Road, Sidney, B.C.

0930 Introductions.

0940 [Robin Brown](#) (DFO) So you want to go to sea Billy?

0950 Individual Presentations (~10 min + questions)

[Peter Chandler](#) *The processing and quality control of Line P water properties data – how on-deck data differs from archive data.*

[Marie Robert](#) *The new Line P Website*

[Bill Crawford](#) *Temperature and salinity changes*

[Jody Klymak](#) *High resolution upper-ocean surveys from a Moving Vessel Profiler*

[Sophia Johannessen](#) *Line P pCO₂ data*

1045 - 1100 Break

C.S. Wong

[Lisa Miller](#) (?)

[Meghan Cronin](#)

[Jim Bishop](#)

[Roger François](#)

[Keith Johnson](#)

[Maurice Levasseur](#)

[Maite Maldonado](#)

[Jay Cullen](#)

Anissa Merzouk

Climate gases and C system at Line P

DIC, At, pH, DOC, Th-234.

The upper ocean budgets at the Kuroshio Extension Observatory and Ocean Climate Station Papa

Autonomous methods for assessment of PIC and POC concentrations and fluxes both from CTD lowered instruments and from Carbon and Carbon Flux Explorers (AKA modified Argo floats).

Particle flux and remineralization in the water column using Th-230 and Pa-231.

Iron along Line P and in the Alaska Gyre 1997-2007

Biogeochemical impacts of Asian dust on the North Pacific Ecosystem and climate.

Trace metals and the physiology and ecology of phytoplankton populations along line P

Update on continuing studies of trace element biogeochemistry in the subarctic Pacific

Microbes and gases in the time-depth continuum along Line P

Linking microbial community genomics and the cycling of climate-active gases (DMS, CO₂, CH₄ and N₂O)

1300 - 1345 Lunch.

[Karina Giesbrecht](#)

[Philippe Tortell](#)

[Diana Varela](#)

[Toby Westberry](#)

[Angelica Peña](#)

[Maria Kavanaugh](#)

[Adrian Marchetti](#)

[Dave Mackas](#)

Dave Mackas for Bill Sydeman

[Evgeny Pakhomov](#)

Biological Productivity from the ONAR (Oxygen Nitrogen Argon) Gases

Productivity plans along Line P

Macronutrient uptake by phytoplankton

Bio-optical measurements of phytoplankton carbon in the Subarctic Northeast Pacific

HPLC Phyto pigment studies

Spatiotemporal variability in diverse phytoplankton characteristics

Utilizing molecular techniques to advance our ecological understanding of limits on phytoplankton productivity and distributions.

Lessons from the Line P Bongo Brigade: Zooplankton in the Alaska Gyre

Marine Birds and Mammals on Line P

Goals of the Rivers Inlet Ecosystem Study.

1515 -1530 Break

Discussions