

Third Annual Line P Workshop

Tuesday 16 March and Wednesday 17 March 2010

Stewart Auditorium, Institute of Ocean Sciences, 9860 West Saanich Road, Sidney, BC

Tuesday 16 March

0930

Introduction

[Marie Robert](#)

Overview of the Line P Program.

[Wendy Richardson](#)

Nutrient storage study: quality comparison of fresh, cool, and frozen seawater sample results.

[Meghan Cronin](#)

Ongoing Ocean Station P Time Series.

[Lisa Miller](#)

pH on Line P: Then and Now.

[Sophie Johannessen](#) / [Michael Arychuk](#)

Line P pCO₂: programme update and 30-year trends.

1100 – 1115

Break

[Nadja Steiner](#)

DMS at Line P – observations and modelling.

[Elizabeth Asher](#)

A new generation of DMS time-series measurements along Line P: Observations, predictions and process studies.

[Josiane Mélançon](#)

Impact of Aeolian iron deposition on phytoplankton and dimethylsulfide (DMS) production in the Northeast Subarctic Pacific.

[Luo](#) / [de Baere](#) / [Snauffer](#)

Paleotracers at Station Papa

Discussion regarding Nutrients storage experiment.

1230 – 1330

Lunch

[Seth Bushinsky](#)

Development on an in-situ oxygen optode calibration system.

[Christina Schallenberg](#)

Kinetic experiments of superoxide decay at two stations along Line P.

[Kendra Mitchell](#)

Microbial community of the oxygen minimum zone along Line P.

[Jody Wright](#)

Temporal variation in bacterial community structure in the ocean's interior at OSP.

[David Semeniuk](#)

Microorganismal copper physiology along Line P.

1445 – 1500

Break

[Karina Giesbrecht](#)

Comparing productivity methods on Line P: O₂/Ar with ¹³C and ¹⁵N incubations.

[Roberta Hamme](#) / [Philippe Tortell](#)

Constraining uncertainties in the quantification of the Subarctic Pacific biological pump.

[Gillian Stewart](#)

Plankton community structure, POC export, and short-lived radionuclides.

[Toby Westberry](#)

Surface Bio-optical Observations along Line P.

[Dave Mackas](#)

A decade of change in the Alaska Gyre: Comparison of three NE Pacific zooplankton time series (Line P, CPR, and Seward Line).

[Patrick O'Hara](#)

Seabird Sentinels of Line P: Progress on Understanding Climatic-Oceanographic Relationships.

1630 - General discussion.

Wednesday 17 March

0930 –

[Bill Crawford](#)

Weather anomalies and ocean temperatures in Gulf of Alaska.

[Howard Freeland](#)

Variability along Line P using Argo.

[Roberta Hamme](#)

Volcanic ash fuelled the August 2008 bloom event.

General discussion.

Cruise planning.