

Fourth Annual Line P Workshop

Tuesday 15 March and Wednesday 16 March 2011

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

Tuesday 15 March

0930

Introduction

[Marie Robert](#)
[Uwe Send](#)
[Meghan Cronin](#)
[Jim Bishop](#)

*Overview of the Line P Program.
OOI effort.
Ocean Station Papa Mooring: Cooperative and Collaborative Research.
The Carbon Explorer Program.*

1100 – 1115

Break

[Jim Christian](#)
[Keith Johnson](#)
[Frank Whitney](#)
[Wendy Richardson](#)

*Recalibration/quality control of the historic (1985-2001) chemistry data.
IOS Iron project along Line P & in the Alaska gyre 1997 to 2010.
Subarctic Pacific Nutrient Trends.
Nutrient storage study: quality comparison of storage methods and storage time results.*

[Seth Bushinsky](#)

A Method for In-Situ Calibration of Aanderaa Oxygen Sensors on Surface Moorings.

1230 – 1330

Lunch

[Nadja Steiner](#)
[Elizabeth Asher](#)

*The DMS puzzle at OSP – Putting together the pieces of a decade.
Strengthening the DMS time-series program along line P- The addition of multi-tracer process studies.*

[Maurice Levasseur](#)
[Angelica Peña](#)
[Maria Kavanaugh](#)

*Past and future aeolian Fe and pH manipulation experiments along Line P.
Phytoplankton distribution along Line P from HPLC pigment analysis.
A seascape approach to understanding changes in Northeast Pacific phytoplankton community structure and function.*

1445 – 1500

Break

[David Semeniuk](#) and [Ania Posacka](#)

On observing nothing interesting at all: the physiological relationship between Fe and Cu in Fe-limited marine phytoplankton.

[Jason McAlister](#) and [Nari Sim](#)

Pb, Al, Ga, Mn: The Orians Lab on Line P.

[Roberta Hamme](#)
[Jennifer Brum](#)
[Jody Wright](#)

*Dissolved gas sampling to constrain productivity and global denitrification.
From viral metagenomics to FISH: Line P research in the Tucson Marine Phage Lab.
Variability in dark CO₂ fixation pathways along Line P.*

General discussion.

Points of discussion

*Should we have the Line P Workshop every year or every two years?
DMS Studies panel?
Other items?*

Wednesday 16 March

0900 –

[Bill Crawford](#)

Global and NE Pacific temperatures and weather for 2010.

*Review of berth requests for the coming years.
General discussion – if needed.
Cruise planning.*