

Seventh Annual Line P Workshop

Tuesday 18 March and Wednesday 19 March 2014

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

Tuesday 18 March “Line P day”

0930

Introduction

[Marie Robert](#)
[Andrew Ross](#)

*Overview of the Line P program, berth reservations and new Website.
The Line P iron program: exploring the biogeochemistry of trace elements and isotopes in the north-east Pacific.*

[John Smith](#)

*Detection of radioactivity from the 2011 Fukushima accident on Line P – updated.
(presented by Andrew Ross)*

1100 – 1115

Break

[Hollie Johnson](#)
[Nina Schuback](#)
[Jean-Pierre Desforges](#)
[Philippe Tortell](#)

*Is the Cascadia Basin an important site of denitrification?
The effect of iron and light on the coupling of ETR_{PSII} and C-fixation along Line-P
Microplastics in coastal and offshore waters of British Columbia
Announcing the August 2014 DMS diel cycle experiment.*

1230 – 1330

Lunch

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

*Impact of Cu speciation on primary productivity along Line P
Probing the effects of copper availability on microbial assemblages in the NE Pacific Ocean.*

[Martine Lizotte](#)

Resistance to ocean acidification in late summer planktonic communities off the North Pacific coast.

1445 – 1500 Break

[Christina Schallenberg](#)
[Jim Bishop](#)

*PAPA June 2012: The remnants of a dust event?
PIC/POC dynamics along Line P; Results from 2012 and 2013 CTD optics profiles, bottle filtration, and 2013 Carbon Explorer and Carbon Flux Explorer deployments.
Pteropod vulnerability in the California Current ecosystem
Station Papa and the MPS: Discovering the extraordinary biodiversity of the deep.*

[Nina Bednarsek](#)
[Moira Galbraith](#)

General discussion

Wednesday 19 March “Station P day”

0930

[Meghan Cronin](#)
[Uwe Send](#)
[Jim Thomson](#)

*Analyses currently underway using Station P mooring data.
OOI observations at Station PAPA
Waverider mooring results to date.*

1100 – 1115

Break

[Ramsey Harcourt](#)
[Holger Klinck](#)
[Noel Pelland](#)

*Wave impacts on upper ocean mixing at OWS PAPA.
Passive acoustic observations at Ocean Station PAPA.
Seaglider and moored observations of mesoscale circulation and biogeochemical processes at Ocean Station Papa, 2008-2010.*

[Seth Bushinsky](#)

Oxygen flux and net community production from a self-calibrating Argo-oxygen float at Ocean Station Papa.

1230 – 1330

Lunch

[Craig McNeil](#)

Progress made on gas sensing floats: new optode calibration equation for O₂ and faster response gas tension device for N₂.

[Philippe Tortell](#)

Presentation of an NSERC strategic proposal.

General discussion