

12th Annual Line P Workshop

Tuesday 16 April 2019

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

0930

Introduction

[Marie Robert](#)
[Patrick Cummins](#)

*Overview of the Line P program, berth reservations and important information
A review of climatic trends in water properties at Station P in the northeast Pacific*

Frank Whitney
Bill Crawford

*Line P surface variability.
Changes in oxygen concentration all along Line P.*

[Debby Ianson](#) and [Ana Franco](#)

DIC sampling update and a first look at DIC trends on isopycnals at Station P.

1040 – 1100

Break

[Paul Covert](#)
[Jim Thomson](#)
[Heather Reader](#)
[Isabelle Baconnais](#) and [Chris Holmden](#)

*Line P Underway pCO₂: How is it working and where are the data?
Station P surface moorings.
Organic matter dynamics along Line P.
Preliminary study on the variation of dissolved chromium concentration and isotope ratios along the Line-P.
Canadian Pacific Robotic Ocean Observing Facility.*

[Jody Klymak](#)

1215 – 1300

Lunch

[Roberta Hamme](#)
[Robert Izett](#)
[Philippe Tortell](#)

*Results from the US/Canada EXPORTS collaboration in Aug/Sept 2018.
Net community production – Results from 2018 and an empirical algorithm for estimating it from Line P data.
Autonomous primary productivity measurements along Line P using FRRF-based active chlorophyll fluorescence methods.*

1415 – 1430

Break

[Lian Kwong](#)
[Maite Maldonado](#)
[Sachia Traving](#)
[Angelica Peña](#)

*Zooplankton biomass size spectra along Line P.
The biogeochemical cycling of dissolved Cu in the subarctic NE Pacific.
Microbial responses to a warm temperature anomaly in the Northeast subarctic Pacific Ocean.
Phytoplankton community composition along Line P during and after “the blob”.*

Discussion