

Tenth Annual Line P Workshop

Thursday 9 March 2017

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

0930

Introduction

[Marie Robert](#)

Overview of the Line P program, berth reservations and important information

[Melanie Quenneville](#)

Radioisotopes issues

[Ed Dever](#)

2017 OOI cruise

[Meghan Cronin](#)

Station Papa NOAA Surface Mooring Activities

1040 – 1100

Break

[William Burt](#)

High-frequency measurements of the Carbon:Chlorophyll ratio using autonomous shipboard sensors

[Chen Zeng](#)

Optical and satellite based estimates of phytoplankton taxonomic composition

[Lindsay Fenwick](#)

N₂O/CH₄ data from 2015/2016

[Robert Izett](#)

Refined estimates of net community production in the Subarctic Pacific derived from Δ O₂/Ar measurements and N₂O-based correction for vertical mixing

1215 – 1315

Lunch

[Roberta Hamme](#)

Deriving productivity estimates from oxygen sensors on Bio-Argo floats and using increased O₂/Ar sampling along Line P to calibrate those estimates

[Laura Lorenzoni](#)

EXPORTS

[Amanda Timmerman](#)

Temporal trends in carbon export and primary production by comparing methods along Line P

[Theresa Venello](#)

Variability in crustacean zooplankton productivity and trophic transfer efficiency along Line P

1430 – 1445 Break

[Dave Janssen](#)

Particulate cadmium isotope compositions along Line P in August 2014

[Xiaodong Zhang](#)

Measuring the volume scattering functions to infer detailed concentration and composition distributions of particles of sizes from 0.02 to 200 μ m in the ocean

[Ian Perry](#)

IOS Zooplankton Research along Line P: Current activities; Future plans

1530 Discussion ?