

# 11th Annual Line P Workshop

Tuesday 20 March 2018

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*

[Debby Ianson](#)

*Inorganic carbon sampling on Line P – tightening our belts?*

[Jennifer Keene](#)/[Jim Thomson](#)/[Matthew Palanza](#) *2018 Mooring Servicing Plans for NOAA & UW Moorings / Surface wave measurements at Station P / OOI moorings*

[Bill Crawford](#)

*Update of oxygen concentration along Line P*

[Shea Wyatt](#)

*Effects of ocean acidification on biogenic silica precipitation and dissolution in diatom assemblages in the northeast Pacific Ocean*

**1040 – 1100**

## **Break**

[Andrew Ross](#)

*Variability in dissolved trace metal concentrations along Line P during “The Blob”*

[Randie Bundy](#)

*Quantifying the importance and bioavailability of recycled iron along the Line P transect*

[Yuanheng Xiong](#)

*Measuring the particle size distributions and the volume scattering functions of ocean water along Line P.*

Grace Ho and [Steven Hallam](#) *Microbial community of OSP before and during the 2013-2016 Pacific Warm Anomaly.*

**1200 – 1300**

## **Lunch**

[Amanda Timmerman](#)

*Spatial and temporal trends in carbon export and primary production along Line P*

[Robert Izett](#)

*Net community production - Instrument Development and Results from 2017*

[William Burt](#)

*High-resolution estimates of phytoplankton biomass, physiology, and productivity along Line P*

[Sarah Rosengard](#)

*Optics-based time series of phytoplankton community composition in the Subarctic North Pacific*

**1420 – 1440**

## **Break**

[Angelica Peña](#)

*Changes in phytoplankton community at OSP during “the blob”.*

[Theresa Venello](#)

*Variability in crustacean zooplankton production rates, diversity and ecological efficiency along Line P.*

[Lian Kwong](#)

*Zooplankton biomass size spectra along Line P*

[Roberta Hamme](#)/[David Siegel](#)

*Canadian collaboration with the NASA EXPORTS program in September 2018*

General discussion and EXPORTS meeting.