

## **Session Program**

**May 9 - 13, 2022**



## **The 3rd CATCH Open Science Workshop**

### ***Ocean-ice-snow-atmosphere fluxes***

Zoom and Gathertown

# Tue, May 10

7:00 AM

## Ocean-ice-snow-atmosphere fluxes: Round the world session - focus on trace gas flux above snow, (sea)ice & ocean

Session | Location: zoom

### 7:00 - 8:00 AM Poster Session and Informal Discussions

**Location**

gatherTown

### 8:00 - 8:10 AM Welcome and introduction

**Location**

zoom

### 8:10 - 8:20 AM Trace gas flux in/above snow

**Speaker**

Detlef Helmig

**Location**

zoom

### 8:20 - 8:30 AM Eddy accumulation HONO flux measurements

**Speaker**

Jörg Kleffmann

**Location**

zoom

### 8:30 - 8:40 AM

## Water vapour fluxes above snow in conditions of drifting and blowing snow

**Speaker**

Armin Sigmund

**Location**

zoom

### 8:40 - 8:50 AM

## The role of the atmospheric boundary layer above snow/ice for vertical exchange fluxes

**Speaker**

Timo Vihma

**Location**

zoom

### 8:50 - 9:00 AM NOx flux chamber measurements in Antarctica

**Speaker**

Joel Savarino

**Location**

zoom

### 9:00 - 9:10 AM GHG flux chamber measurements above sea ice

	<p><b>Speaker</b> Daiki Nomura</p> <p><b>Location</b> zoom</p>
	<p>9:10 - 9:20 AM</p> <p><b>Heavy metals and pollutants particles deposition in northern Tibetan Plateau glaciers</b></p> <p><b>Speaker</b> Zhiwen Dong</p> <p><b>Location</b> zoom</p>
	<p>9:20 - 10:00 AM <b>Questions and Discussion</b></p> <p><b>Location</b> zoom</p>
10:00 AM	
2:00 PM	<p><b>Ocean-ice-snow-atmosphere fluxes: Plenary session, keynote presentation and discussions</b> Session   Location: zoom</p>
	<p>2:00 - 3:00 PM <b>Poster Session &amp; Informal Discussions</b></p> <p><b>Location</b> gatherTown</p>
	<p>3:00 - 3:10 PM <b>Introduction and summary of session 1</b></p> <p><b>Location</b> zoom</p>
	<p>3:10 - 3:40 PM</p> <p><b>Keynote: Air-Sea Trace Gas Fluxes - A Focus on Turbulent Flux Methods for the Cryosphere</b></p> <p><b>Speaker</b> Byron Blomquist</p> <p><b>Location</b> zoom</p>
	<p>3:40 - 4:10 PM</p> <p><b>Keynote: On-line sea-air fluxes of sea spray and of VOC using ship-borne interfacial enclosures</b></p> <p><b>Speaker</b> Karine Sellegri</p> <p><b>Location</b> zoom</p>
	<p>4:10 - 5:00 PM <b>Questions and Discussion</b></p> <p><b>Location</b> zoom</p>
5:00 PM	

6:00 PM

## Ocean-ice-snow-atmosphere fluxes: Ocean-ice-snow-atmosphere fluxes: Round the world session

Session | Location: zoom

6:00 - 7:00 PM

### Poster Session & Informal Discussions

**Location**

gatherTown

7:00 - 7:10 PM

### Introduction and summary of sessions 1 & 2

**Location**

zoom

7:10 - 7:20 PM

### Arctic sea spray flux measurements

**Speaker**

Matthew Salter

**Location**

zoom

7:20 - 7:30 PM

### Parameterization of sea salt from blowing snow in GEOS-Chem

**Speaker**

Betty Croft

**Location**

zoom

7:30 - 7:40 PM

### Measurements of chemically-resolved aerosol fluxes by eddy covariance in Alaska

**Speaker**

Erin Boedicker

**Location**

zoom

7:40 - 7:50 PM

### Ice cores record deposition of perfluorinated pollutants in the Arctic

**Speaker**

Cora Young

**Location**

zoom

7:50 - 8:00 PM

### Black carbon and other light-absorbing impurity flux to snow in the Andes

**Speaker**

Nicolas Huneeus

**Location**

Zoom

8:00 - 9:00 PM

### Questions and Discussion

**Location**

zoom

9:00 PM