

# Bornö Summer School 2022

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## The Role of Shelves for the Last Glacial Maximum Carbon Cycle.

**Where:** Bornö Marine Research Station (58°22'48"N 11°34'48"E)

**When:** 7-13 August 2022



UNIVERSITY OF  
COPENHAGEN

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## J1 – Sunday August 7<sup>th</sup>, 2022

Travelling to Stora Bornö.

More information about Bornö Marine Research Station: [here](#).

## J2 – Monday August 8<sup>th</sup>, 2022

**9am to 6pm:** Sediment coring at Ahlbeck Deep (group 1, led by Gottschalk) and climate simulations (group 2, led by Jochum).

## J3 – Tuesday August 9<sup>th</sup>, 2022

**9am to 6pm:** Sediment coring at Ahlbeck Deep (group 2, led by Gottschalk) and climate simulations (group 1, led by Jochum).

## J4 – Wednesday August 10<sup>th</sup>, 2022

**9am-1030am:**

Julia Gottschalk: BGC in polar oceans and past changes in atmospheric CO<sub>2</sub>

**1045am-noon:**

Markus Jochum: The carbon cycle in Earth System Models

**1pm – 5pm:** student presentations (details tbd)

## J5 – Thursday August 11<sup>th</sup>, 2022

**9am to 6pm:** Revisit Ahlbeck Deep and climate simulations to test ideas developed during days 1 and 2.

## J6 – Friday August 12<sup>th</sup>, 2022

**9am-12pm:**

preliminary reports (students)

**1pm-5pm:**

presentations of results and discussion (all)

## J7 – Saturday August 13<sup>th</sup>, 2022

Departing from Stora Bornö.