

Bornö Summer School 2021

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: 8-14 August 2021



UNIVERSITY OF
COPENHAGEN

Bornö Summer School 2021

J1 – Sunday August 8th, 2021

Travelling to Stora Bornö.

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

J2 – Monday August 9th, 2021

9am-12pm:

Sune Rasmussen: The deglaciation with a particular focus on sea level, shelf areas and carbon

1pm-5pm:

Dion & James: Installing, running and analyzing the basic [Veros](#) configuration

J3 – Tuesday August 10th, 2021

9am-12pm:

Markus Jochum: Basics of marine BioGeoChemistry

Malin Oedalen: BGC in global climate simulations

1pm-5pm:

Markus: The global set-up with biogeochemistry. Testing hypotheses for glacial/interglacial CO₂ fluctuations

J4 – Wednesday August 11th, 2021

9am-12pm:

Julia Gottschalk: BGC in polar oceans and past changes in atmospheric CO₂

1pm-5pm:

Sailing lessons, and check on preliminary model results.

J5 – Thursday August 12th, 2021

9am-12pm:

Olivier Cartapanis: Carbon budgets for the Last Glacial Maximum (LGM) and present day

1pm-5pm:

Analyzing the integrations and presenting the results.

J6 – Friday August 13th, 2021

9am-12pm:

Markus Jochum: Modelling the deglaciation and Dansgaard-Oeschger events

1pm-5pm:

developing a funding strategy for LGM shelves

J7 – Saturday August 14th, 2021

Departing from Stora Bornö.