

ICE SHEETS AND GLACIERS IN THE CLIMATE SYSTEM

15 - 24 September 2021, Karthaus (northern Italy)

A course sponsored by

The Institute for Marine and Atmospheric Research, Utrecht University
The Netherlands Earth System Science Centre
&Trewitax – GlaciersAlive
The International Glaciological Society (IGS)
International Arctic Science Committee (IASC)
PROTECT (EU)
The Netherlands Polar Program (NWO-NPP)

Scope and Participation

The course is meant for Ph.D. students and provides a basic introduction to the dynamics of glaciers and ice sheets with a focus on ice-climate interactions.

Topics include: continuum mechanics, kinematics, ice rheology, sliding and hydraulics, numerical modelling, polar meteorology, ice-ocean interaction, ice cores, interaction of ice sheets with the solid earth, glacier fluctuations, etc.

Lectures will be given in the morning and exercises (including computer projects) in the afternoon. An excursion will be organised to nearby glaciers.

The standard registration fee is **€ 650**. This covers lodging, full board, excursion and course material. The International Glaciological Society offers five fellowships to cover the registration for students that qualify but have difficulties to pay the fee (this requires a justification).

Lecturers include: T. Blunier, I. Hewitt, N. Karlsson, F. Navarro, F. Pattyn, L. Sandberg Sørensen, P. Stocchi, A. Stroeven, R. Winkelmann, J. Oerlemans, C. Tijm-Reijmer, (*convenor*).

Website

<http://www.projects.science.uu.nl/iceclimate/karthaus/>



Application

Send your application to the convenor (c.h.tijm-reijmer@uu.nl), before **1 June 2021**

You will be notified about the decision of the Selection Committee by **1 July 2021**

Your application should include:

- A statement why you want to participate in this course
- Affiliation, name of supervisor
- A description of your research project (~200 words)
- A curriculum vitae

Please supply this information as **a single PDF file**.