

ICE SHEETS AND GLACIERS IN THE CLIMATE SYSTEM

14-25 September 2010, Karthaus (northern Italy)

A course sponsored by

The Institute for Marine and Atmospheric Research, Utrecht University, the Netherlands
The Niels Bohr Institute, University of Copenhagen, Denmark
Ice2Sea project, European Union

Scope and Participation

The course 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 course is meant for Ph.D. students that work on a glaciology-related climate project.

Some places are available for junior scientists.

The registration fee is 400 Euro. This includes lodging, full board, excursions and course material.

Lecturers: M. van den Broeke, E. Bueler, D. Dahl-Jensen, R. DeConto, H. Fischer, A. Fowler, H. Gudmundsson, I. Howat, A. Jenkins, E. Bueler, M. Helsen, Th. Moelg, J. Oerlemans (*convenor*) and others.

Application

Send your application to the convenor (j.oerlemans@uu.nl), before **10 May 2010**.

You will be notified about the decision of the Selection Committee by 11 June 2010.

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**.