

DYNAMICS OF GLACIERS AND ICE SHEETS

13 - 23 September 2000, Karthaus (northern Italy)

A course organized and sponsored by COACH*

The Committee

J. Oerlemans, Utrecht (convenor)
G. Kaser, Innsbruck
A. Jenkins, Cambridge
B. Scheeren, Utrecht (logistics)

Scope

The course will provide a basic introduction to the dynamics of ice sheets and glaciers, with a focus on ice-climate interactions (including ice cores).

The course is meant for Ph.D. students that work on (or will soon start working on) a glaciology-related climate project.

Some places are available for junior scientists.

All local costs are covered.

There is no registration fee.

Programme

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

Topics include:

- continuum mechanics
- flow and rheology
- numerical models of ice sheets and ice shelves
- sliding and hydrology
- polar meteorology
- mass-balance modelling
- remote sensing
- ice cores
- ice shelf - ocean interaction
- valley glaciers
- ice sheets, geodynamics and sea level
- the Last Glacial Maximum

Lecturers: M. van den Broeke, A. Jenkins, W. Rott, J. Oerlemans, C. Maier, G. Kaser, B. Stauffer, K. Lambeck, A. Fowler and others.

Application

Send your application by email to J. Oerlemans, Institute for Marine and Atmospheric Research, Utrecht University (j.oerlemans@phys.uu.nl), before 15 March 2000.

You will be notified by the decision of the Organizing Committee about one month later.

Your application should include:

- A curriculum vitae
- Affiliation and name of supervisor
- A description of your project (~200 words)

* COACH is a research consortium in which participate: the Institute for Marine and Atmospheric Research (Utrecht University), the Royal Netherlands Meteorological Institute, the National Institute for Health and Environment (Netherlands), the Max-Planck-Institut für Meteorologie (Hamburg) and the Max-Planck-Institut für Chemie (Mainz).