

「氷床コア記録の物理」 第2回 国際ワークショップ

Dates: February 2 (Fri.) to 6 (Tue.), 2007

Venue: 北海道大学低温科学研究所 講堂
Institute of Low Temperature Science
Hokkaido University
Auditorium , 3rd floor

Themes and Topics:

Ice cores recovered from polar ice sheets have provided invaluable information on the climate and environment changes on the earth. This workshop will focus on the physics related to formation processes of ice-core records. Overviews of selected topics and critical discussions will be included in each session.

The following topics will be open for discussion.

Main sessions :

- (1) Micro-inclusions: formation processes, distributions, and implications for paleoclimate and paleoatmosphere.
- (2) Firn processes: densification, bubble close-off, molecular diffusion, gas fractionation, and implications for paleoclimate and paleochronology.
- (3) Ice Flow: anisotropic flow, creep of ice, texture development, and ice sheet modeling.
- (4) Electrical profiling and radar echo soundings.
- (5) New methods and new indications for climate and environment changes.

主催: 学術創成研究「極地氷床における物理過程の解明とそれに基づく気候・環境変動史の高分解能解析」

共催: 南極大学、低温研共同利用研究集会「氷床コアによる古気候・古環境復元の高度化研究」

お問い合わせ先 E-mail: hnd@lowtem.hokudai.ac.jp (本堂)、kaori@lowtem.hokudai.ac.jp (木田橋)
TEL 011-706-6888