

Ice / Glaciers (ICE)

Tuesday, 18 March 1997

Chairman: Christopher Doake

09:00 Richard Goldstein
Ice motion interferometry

09:20 Ian Joughin
Interferometric estimation of ice sheet motion and topography

09:40 Mark Fahnestock
Rapid ice flow in central Greenland

10:00 Dale P. Winebrenner
Interferometric SAR for observation of glacier motion and firn penetration

11:00 Johan Jacob Mohr
ERS Tandem study of glacier dynamics in NE Greenland

11:20 C. Lingle
Dynamic behavior of a large glacier system during a surge and other measurements of Alaskan glaciers with ERS SAR imagery

11:40 Andreas Siegel
glacier studies in Antarctica and Patagonia by means of ERS SAR interferometry

12:00 L Gray
Experiments at CCRS using ERS tandem mode data

12:20 Neal Young
Applications of time series of microwave backscatter over Antarctic region

Chairman: Paolo Pampaloni

14:00 Teruo Furukawa
Comparison of microwave backscatter measurements with observed roughness of the snow surface in East Queen Maud Land, Antarctica

14:20 C. Schneider
Validation of energy balance estimates from snow covered areas of the Antarctic peninsula based on ERS PRI images

14:40 Eric Rignot
Ice discharge from North and North East Greenland as observed from ERS radar interferometry

15:00 Baerbel K. Lucchitta
Thwaites Glacier and Marie Byrd Land Coast, Antarctica

16:00 Fumihiko Nishio
Interferometric study on sea ice, outlet glacier and ice sheet, Antarctica by ERS-1 SAR

16:20 Martti Hallikainen
Remote sensing of snow using radar and microwave radiometer

16:40 Alain Cavanie
Five years of AMI wind sea ice backscatter grids on a CD ROM

17:00 Richard Kelly
Characteristic snow and ice properties on a Norwegian ice cap determined from complex ERS SAR data

17:20 H Zwally
Ice sheet topography, flow direction and drainage basins for ERS altimetry

17:40 M. Stenoien
Topography estimation in W Antarctica using level 2 radar altimeter data products

18:00 Jonathan Bamber
High Resolution Digital Elevation Model of the Greenland Ice Sheet and Validation with Airborne Laser Altimetry

18:20 Frederique Remy
Antarctica ice sheet dynamics derived from ERS altimeter

Posters (Tuesday, 18 March 1997, 18:00)

Richard Coleman
Comparison of altimetric and GPS derived elevations of the Amery Ice Shelf, East Antarctica

Christopher Doake
Detecting changes in ice movement over the Antarctic Ice Sheet by SAR Interferometry

Tore Guneriusson
Snow monitoring using ERS SAR data

Helen Le Core
ATSR data and hydrodynamic models to investigate physical processes in Lake Baikal, Siberia

Benoit Legresy
Antarctica ice sheet snow properties derived from ERS altimeter data

Baerbel K. Lucchitta
Antarctica on sequential Landsat and ERS SAR images: King George VI Ice Shelf

Vladimir Melentyev
ERS SAR retrieval of ice cover parameters for some oil and gas fields at the Russian Arctic shelf

Uwe Mueller

SAR data exploitation for monitoring Antarctic ice sheets and Glaciers

Jens Piesbergen

Multi-source snow cover monitoring in Eastern Switzerland

W.G. Rees

Satellite data synergies for monitoring Arctic ice masses

Eric Rignot

ERS Interferometry Studies of Antarctic Ice Shelves

Volkmar R. Wismann

Monitoring snow properties in Greenland with ERS scatterometer and SAR

S. Wunderle

Derivation of glacial Catchments of the Antarctic peninsula by means of interferometric technique