

Curriculum Vitae

Personal information

Name: Christina Alsvik Pedersen
Born: January 26, 1977
Address: Stakkevollveien 14 A, apt. 203
N-9010 Tromsø, Norway
E-mail: xtina@npolar.no
Phone: +47 91 73 55 59

Education

2002- Ph.D. student at Norwegian Polar Institute and University of Tromsø
(including 9 months maternity leave)
1997-2002 M. eng. at University of Tromsø

Working experience

2002 Supply Teacher, Kvaløya Comprehensive School
1997-2002 Meteorological Assistant, Met Office at Tromsø Airport
2001 Summer Research Assistant, SACLANTCEN URC, Italy
2001 Teacher, University of Tromsø
1997-1998 Meteorological Assistant, Meteorological Institute in Tromsø

Field Work/Cruise

2007 Black Carbon Field Work in Ny-Ålesund, Svalbard
2005 Fram2005 Cruise in Fram Strait, Arctic Ocean
2004 AIO Field Work in Van Mijenfjorden, Svalbard
2003 CLPX Field Work in Colorado, USA
2003 UNIS Field Work and Cruise at Svalbard and Fram Strait

Position of Trust

1998-2002 Executive Members in Physics Union in Tromsø
2000-2001 Student Representatives at Institute of Physics at University of Tromsø

Computer experience

Very experienced user of programming language Matlab.
Experienced user of operating systems Linux and Windows.

Publications

C. A. Pedersen and J.-G. Winther, *Intercomparison and Validation of Snow Albedo Parameterisation Schemes in Climate Models*. *Climate Dynamics*, 25:351-362, 2005.

C. A. Pedersen, F. Godtlielsen and A. C. Roesch, *Statistical significance in the context of validating climate models*. Will be resubmitted to *Journal of Geophysical Research* August 2007.

C. A. Pedersen, R. Hall, S. Gerland, A. H. Sivertsen and T. Svenøe, *Advanced Airborne Profiling over Fram Strait Sea Ice*. Will be submitted to Cold Regions Science and Technology early September 2007.

C. A. Pedersen, E. Roechner, J.-G. Winther, M. Luthje, M. Køltzow, A. C. Roesch, B. Ivanov and D. Hall R. *A New Sea Ice Albedo Parameterization for ECHAM5 GCM*. In Preparation.

C. A. Pedersen, D. K. Hall, B. Hamre and E. Vermote, *Moderate Resolution Imaging Spectroradiometer (MODIS) Sea-Ice Albedo*. In Preparation.

Presentations

C. A. Pedersen, *Snow and Sea Ice Albedo in Climate Models*. Presentation IGS Nordic Branch Meeting, Tromsø, Norway, 2006.

C. A. Pedersen, F. Godtlielsen and A. C. Roesch, *An Advanced Methodology for Finding Significant Features in Climatological Images*. Poster presentation at 1st International CliC Meeting, Beijing, China, 2005.

S. Gerland, D. K. Perovich, C. Haas, C. A. Pedersen, E. Hansen and B. Ivanov, *Climate Feedback Mechanisms and the Energy Balance of Arctic Sea Ice*. Poster presentation at 1st International CliC Meeting, Beijing, China, 2005.

C. A. Pedersen, J.-G. Winther and F. Godtlielsen, *Intercomparison and Validation of Snow and Sea-Ice Albedo Parameterisation Schemes in Climate Models*. Poster presentation at 85th American Meteorological Society Annual Meeting, San Diego, California, 2005.

C. A. Pedersen and J.-G. Winther, *Intercomparison and Validation of Snow and Sea-Ice Albedo Parameterisation Schemes in Climate Models*. Poster presentation at International Meeting on Statistical Climatology, Cape Town, South Africa, 2004.