

Karthus-2005

List of students

Applicant	institution	email	supervisor	research project
Buchardt, Lilja	University of Copenhagen	lilja@mail.gfy.ku.dk	D. Dahl-Jensen	Modelling melt under the Greenland ice sheet
Dadic, Ruzica	ETH Zürich	dadic@ihw.baug.ethz.ch	J. Corripio	Continuous modeling of distributed snow and ice mass balance for alpine basins
De'Ath, Rosalyn	University of Bristol	Ros.DeAth@bristol.ac.uk	T. Payne	Estimating the contribution of valley glacier melt to sea-level rise
Dinale, Roberto	Autonomic Provinz Bozen	Roberto.dinale@provincia.bz.it	G. Kaser	Mass balance of Italian glaciers
Edwards, Laura	University of Bristol	gglae@bristol.ac.uk	J. Bamber	Investigating ice sheets and glaciers with new techniques in satellite remote sensing
Esthermann, Gisela	Australian National University	Gisela.Estermann@anu.edu.au	K. Lambeck	Geodetic signals from recent and future deglaciation
Ettema, Janneke	Utrecht University	j.ettema@phys.uu.nl	M. van den Broeke	Mass balance and fresh water fluxes from the Greenland Ice Sheet (regional climate modelling)
Giesen, Rianne	Utrecht University	R.H.Giesen@phys.uu.nl	J. Oerlemans	Developing a coupled mass balance - ice flow model for Hardangerjokulen
Greenwood, Sarah	University of Sheffield	S.Greenwood@sheffield.ac.uk	C. Clark	Palaeo-glaciology of the last Irish Ice Sheet
Hebeler, Felix	University of Zürich	fhebeler@geo.unizh.ch	R. Purves	TopIce - Ice sheet modelling, topography and uncertainty
Hill, Daniel	British Antarctic Survey	dahi@bas.ac.uk	A. Haywood	Modelling the cryosphere during peak Pliocene warmth
Horgan, Huw	Penn State University	hhorgan@geosc.psu.edu	S. Anandkrishnan	Present and past dynamics of the Siple Coast Ice Streams, Antarctica
James, Tim	University of Leeds	T.D.James@leeds.ac.uk	T. Murray	Changes in glacier geometry and extent in Svalbard
Karlsson, Nanna	University of Copenhagen	nannabk@fys.ku.dk	C. Hvidberg	Mass balance of the Martian ice cap
Kuipers Munneke, Peter	Utrecht University	p.kuipersmunneke@phys.uu.nl	C. Reijmer	The albedo of snow and ice (field measurements and modelling)
Langebroek, Petra	University of Bremen	petra@palmod.uni-bremen.de	A. Paul	Coupling of ice-sheet and climate models for palaeoclimate simulations
Little, Christopher	Princeton University	cmlittle@princeton.edu	J. Sarmiento	Basal melting underneath ice shelves - numerical modeling

Lopez, Paulina	Research Unit GREAT-ICE, Montpellier	lopez@msem.univ-montp2.fr	P. Chevallier	Impact of climate variability on the Andes' cryosphere: measurements and contributions of remote sensing techniques
MacDonell, Shelley	University of Otago	Macsh330@student.otago.ac.nz	S. Fitzsimons	Hydrological regimes of cold-based glaciers (observations and modelling)
Machguth, Horst	University of Zürich	machguth@geo.unizh.ch	F. Paul	Alpine-wide distributed glacier mass balance modelling
Mihalcea, Claudia	University of Milan	Claudia.mihalcea@unimi.it	C. Smiraglia	Energy and mass balance of debris covered glaciers and climatic implications
Mottram, Ruth	Univ. of St. Andrews	rhm6@st-andrews.ac.uk	D. Benn	Processes of crevasse formation and the dynamics of calving glaciers: Breidamerkurjökull, Iceland
Nodale, Marianna	University of Oxford	Marianna.nodale@oriel.oxford.ac.uk	A. Fowler	Mathematical modelling of grounding line dynamics
Nowicki, Sophie	University College London	smn@cpom.ucl.ac.uk	D. Wingham	Modelling transition zones in marine ice sheets
Peyaud, Vincent	LGGE Grenoble	peyaud@lgge.obs.ujf-grenoble.fr	C. Ritz	Role of ice-sheet dynamics in major climate changes; application to rapid events
Philippon, Gwenaëlle	University of Paris	Gwenaëlle.philippon@cea.fr	G. Ramstein	Impacts of the Antarctic ice sheet on the climate system during the last deglaciation
Radic, Valentina	Stockholm University	valentina@radic@natgeo.su.se	R. Hock	Modelling volume changes of small glaciers and sea level rise
Reerink, Thomas	Utrecht University	t.reerink@phys.uu.nl	R. van de Wal	Coupling of ice-sheet and climate models for palaeoclimate simulations
Rutt, Ian	University of Bristol	i.c.rutt@bristol.ac.uk	T. Payne	Numerical modelling of ice sheet dynamics, in the context of coupled earth system modelling
Shea, Joe	University of British Columbia	jmshea@interchange.ubc.ca	D. Moore	Regional glacier mass balance modelling, South Coast Ranges, British Columbia
Solovjanova, Irina	AARI, St.-Petersburg	solir22@mail.ru	A. Vladimirov	Mass balance and runoff from glacierised catchments in Svalbard
Sykes, Helena	University of Wales	H.J.SYKES.366845@swansea.ac.uk	T. Murray	Variability of flow of West Antarctic ice streams
Treverow, Adam	University of Tasmania	adamt0@postoffice.utas.edu.au	R. Warner	Laboratory investigation and modelling of the effect of polycrystalline anisotropy on the flow of polar ice masses

Tuyll, Carlijn van	Utrecht University	c.vantuyl@phys.uu.nl	R. van de Wal	Modelling the Cenozoic evolution of the Antarctic ice sheet
Werder, Maurio	VAW, ETH Zürich	werder@vaw.baug.ethz.ch	M. Funk	Glacier outburst floods, Gornensee, application of different models
Winberry, Paul	Penn State University	pwinberr@geosc.psu.edu	S. Anandakrishnan	Dynamics of West Antarctic ice streams (GPS and seismology)
Zammett, Rachel	University of Oxford	Rachel_zammett@yahoo.co.uk	A. Fowler	Evolution of spiral troughs in the Martian North Polar Ice Cap