

List of posters SPP Coordination Workshop 2020

Discipline	Authors	email of corresponding author	Title of poster
Biology	D. Aromokeye, G. Willis-Poratti, L. Wunder, C. Otersen, S. Henkel, M. Friedrich	michael.friedrich(at)uni-bremen.de	Environmental Controls of Iron-Reducing Microorganisms in Antarctic Marine Sediments [ECIMAS]
Biology	J. Balaguer, F. Koch, C. Hassler & S. Trimborn	Jenna.Balaguer(at)awi.de	Limitation by iron and manganese of phytoplankton communities in the Drake Passage
Biology	B. Becker	b.becker(at)uni-koeln.de	Functional metatranscriptomics of Antarctic biological soil crust algae: Identification of key genes for the survival under the extreme conditions of Antarctica
Biology	S. Berg	sberg0(at)uni-koeln.de	Marine Ecosystem response to Late Pleistocene climate conditions - evidence from snow petrel stomach oil deposits ("mumiyo") in East Antarctica
Biology	B. Beszteri, G. Glöckner, K. Valentin & U. John	ute.postel(at)uni-due.de	Genomic signatures of neutral and adaptive microevolutionary processes in <i>Fragilariopsis kerguelensis</i> , a main silicate sinker of the Southern Ocean
Biology	D. Di Franco, K. Linse, H. Griffiths, C. Haas, H. Saeedi & A. Brandt	davide.di-franco(at)senckenberg.de	Peracarid abundance and composition in the Atlantic sector of the Southern Ocean and Weddell Sea
Biology	K. Dumack & K. Glaser	kenneth.dumack(at)uni-koeln.de	Algivoracious Cercozoa shape the community composition of cryptogamic covers, the dominant vegetatin in polar regions
Biology	F. Ghaderiardakani, M. L. Quartino, T. Wichard	fatemeh.ghaderiardakani(at)uni-jena.de	Adaptation of the green seaweed <i>Ulva</i> and its microbiome to cold temperature in Antarctica (COLDULVA)
Biology	S. Gschwendtner	ilvia.gschwendtner(at)helmholtz-muenchen.d	From single processes to cycles: Evolution of nitrogen turnover in terrestrial ecosystems of the maritime Antarctic
Biology	T. Harder & J. Tebben	tharder(at)uni-bremen.de	Recognition, signaling and response of the diatom <i>Fragilariopsis</i> to epibiotic bacterial colonization
Biology	C. Havermans, C. Held, H. Auel, D. Martinez-Alarcon & W. Hagen	charlotte.havermans(at)awi.de	Is the hyperiid <i>Themisto gaudichaudii</i> poised to displace krill in the warming region of the Southern Ocean?
Biology	H. Herr, S. Viquerat, B. Meyer	helena.herr(at)uni-hamburg.de	Recovery status and ecology of fin whales at the West Antarctic Peninsula
Biology	L. Hüppe, C. Förster & B. Meyer	lukas.hueppe(at)awi.de	Understanding the mechanistic bases of marine clocks and rhythms in the Antarctic key species <i>Euphausia superba</i>
Biology	A. Pajmans & J. Hoffman	a.pajmans(at)uni-bielefeld.de	Genomic dissection of climate change impacts on a declining Antarctic top predator population
Biology	J. Piontek, J. Werner, A. Engel & K. Jürgens	judith.piontek(at)jo-warnemuende.de	Combined effects of organic matter and temperature on composition and activity of heterotrophic bacterioplankton in the Weddell Sea
Biology	C. Plum	c.plum(at)uni-oldenburg.de	Altered stoichiometry and species interactions in coastal Antarctic plankton communities under global climate change
Biology	F. Säring, G. Veit-Köhler & H. Link	friederike.saering(at)uni-rostock.de	Small but important: Environmental drivers decisive for community compositions are different when meiofauna is included
Biology	K. Schimani, O. Skibbe, U. Karsten & J. Zimmermann	k.schimani(at)fu-berlin.de	Biodiversity and biogeography of marine benthic diatoms in Antarctic and Arctic coastal zones to evaluate the degree of endemism using fine-grained taxonomy and metabarcoding
Biology	J. Tebben, T. Harder & C. Völker	jtebben(at)awi.de	Siderophore mediated iron acquisition of psychrophilic Antarctic marine bacteria
Biology	F. Wermter, C. Bock & W. Dreher	felizitas.wermter(at)googlemail.com	Unravelling the neurophysiological mechanisms responsible for OWA induced behavioural changes in polar fish: an NMR approach
Biology	A. Winterl, S. Richter, R. Gerum, A. Houstin, C. Le Bohec, B. Fabry & D.P. Zitterbart	daniel.zitterbart(at)fau.de	Remote sensing of Emperor Penguin Colony Health
Geology	E. Buchta & M. Scheinert	Mirko.Scheinert(at)tu-dresden.de	Interaction between mass changes of the Antarctic Ice Sheet and solid Earth in Dronning Maud Land, East Antarctica
Geology	N.-M. Lešić, G. Kuhn, G. Bohrmann & T. Dobeneck	nlesic(at)awi.de	Pleistocene sediments around South Georgia: Archives for Antarctic Circumpolar Current dynamics and climate-induced signals in Sub-Antarctica
Geology	M. Lösing & J. Ebbing	mareen.loesing(at)ifg.uni-kiel.de	A New Geothermal Heat Flux Model of Antarctica with Machine Learning
Physics/Chemistry	S. Arndt, T. Rahm & C. Haas	Stefanie.Arndt(at)awi.de	Spatio-temporal variations in vertical snow profiles on sea ice in the Weddell Sea, Antarctica
Physics/Chemistry	J. Bernales, M. Mas e Braga, I. Rogozhina, M. Prange & A. P. Stroeven	mprange(at)marum.de	Combining climate and ice sheet modelling to reconstruct the glacial history of Antarctica
Physics/Chemistry	M. Casado	mathieu.casado(at)awi.de	CLIMatic signal Archived in Ice Cores (CLIMAIC): Constraining the Climatic Signal Archived in Water Isotopes in Antarctic Ice Cores
Physics/Chemistry	J. Feldmann & A. Levermann	johannes.feldmann(at)pik-potsdam.de	A SCALING LAW FOR SIMILAR ICE SHEET FLOW
Physics/Chemistry	J. Feldmann & R. Winkelmann	johannes.feldmann(at)pik-potsdam.de	Vulnerability of the Antarctic Ice Sheet to a changing thermocline (VAST)
Physics/Chemistry	G. Heinemann, T. Semmler, R. Timmermann, V. Kolatschek & R. Zentek	vanessa.kolatschek(at)awi.de	REDOCCA – Regional high-resolution Downscaling of Climate Change in the Antarctic
Physics/Chemistry	S. Henning, R. Weller, J. Loftfield, M. Schumacher, X. Gong, H. Wex & F. Stratmann	henning(at)tropos.de	Preliminary results on Antarctic Cloud Condensation (CCN) and Ice Nucleating Particle (INP) concentrations and properties at Neumayer III Station
Physics/Chemistry	C. Henry, C. Schannwell, R. Drews, I. Koch, T. A. Ehlers	clara.henry(at)mpimet.mpg.de	Ice rise dynamics in coastal Antarctica
Physics/Chemistry	M. Horwath & L. Schröder	martin.horwath(at)tu-dresden.de	Advancing ice altimetry analysis to constrain the Antarctic Ice Sheet's response to climate change (AISA)
Physics/Chemistry	L. Istomina, G. Heygster, C. Melsheimer & C. Haas	larysa.istomina(at)awi.de	Recent Antarctic sea ice surface melt from satellite remote sensing (REASSESS)
Physics/Chemistry	M. Kreuzer, J. Garbe, T. Albrecht, M. Mengel, A. Levermann, J. Donges & R. Winkelmann	kreuzer(at)pik-potsdam.de	HYSTERESIS OF THE ANTARCTIC ICE SHEET
Physics/Chemistry	N. Maaß, L. Rossmann, M. Nicolaus, M. Lehning, N. Wever & Mahdi Jafari	nina.maass(at)uni-hamburg.de	Snow covers impact on Antarctic sea ice (SCASI) & SCASI - Remote Sensing (SCASI-RS)
Physics/Chemistry	K. Reeve, M. Hoppema, T. Kanzow, O. Boebel & W. Geibert	Krissy.Reeve(at)awi.de	WedUP: Weddell Gyre Upwelling and dynamical Processes
Physics/Chemistry	T. Schultz, A. Humbert, R. Müller	tschultz(at)rhrk.uni-kl.de	SolidFIDEMO - A firn densification model for volumetric mass balances
Physics/Chemistry	G. Spreen, C. Melsheimer, G. Heygster, S. Hendricks, S. Arndt, C. Haas, S. Kern; Y. Ye & M. Shokr	melsheim(at)uni-bremen.de	SITAnt - Sea Ice Type Retrieval in the Antarctic from Microwave Satellite Observations: 2013 – 2020 SP 1128/2-1
Physics/Chemistry	T. Stichel	torben.stichel(at)awi.de	Marine ice – a sleeping iron giant?
Physics/Chemistry	C. Tatzelt, S. Henning, A. Welti, A. Baccarini, M. Gysel-Bee, Julia Schmale & F. Stratmann	tatzelt(at)tropos.de	INP over the Southern Ocean: abundance and origin during ACE