

Poster Session I: General, Air Mass Tracking, Collocation Remote Sensing & In-situ, Ny-Ålesund

registered	Title	Topic
Marcus Klingebiel	Using collocated HALO-(AC) ³ flights to improve the accuracy of spectral imaging retrieval algorithms	collocated remote sensing and in-situ observations
Nina Mahernndl	Collocated radar and in situ cloud measurements: challenges and opportunities	collocated remote sensing and in-situ observations
Veronika Pörtge	Comparing cloud droplet size distributions from specMACS cloudbow measurements to in-situ observations	collocated remote sensing and in-situ observations
Stephan Mertes	First characterization of cloud particle residuals collected in clouds during HALO-AC3	in-situ observations
Oliver Eppers	Chemical composition of cloud particle residuals during HALO-AC3 - first results	in-situ observations
Felix Pithan	Observing air-mass transformations following moist intrusions	air mass tracking and atmospheric dynamics
Janosch Michaelis	Turbulence measurements during HALO-AC3 and AFLUX in the atmospheric boundary layer over the Arctic MIZ	air mass tracking and atmospheric dynamics
Michael Lonardi	Summary of tethered balloon data from Ny Ålesund	observations at Ny-Ålesund
Maximilian Maahn	Observing snowfall with the Video In Situ Snowfall Sensor (VISSS) in Ny-Ålesund	observations at Ny-Ålesund
Susanne Crewell	Towards the synoptic overview paper	general

Poster Session II: Remote Sensing, Cirrus

registered	Title	Topic
Tim Sperzel	Sea ice surface albedo: Observation vs. Model parametrization	remote sensing - radiation
Hanno Müller	Multiple Fram Strait crossings from the radiation point of view	remote sensing - radiation
Sebastian Becker	Cloud radiative effect and radiative flux profiles of single- and multi-layer cloud cases	remote sensing - radiation
Anna Luebke	Case studies and comparisons of cloud radiative forcing from HALO BACARDI observations	remote sensing - radiation
Henning Dorff	Atmospheric River Moisture Budget Closure from HALO - pre-campaign lessons learned and a glance at HALO-AC3	remote sensing
Maximilian Ringel	A roadmap towards an ice water path retrieval using airborne microwave radiance observations	remote-sensing (HAMP)
Anna Weber	Cloud properties from spectral and polarized imaging with specMACS	remote sensing
Lea Volkmer	Retrieving cloud top heights from specMACS measurements	remote sensing
Johanna Mayer	Cloud-top phase determination using geostationary passive remote sensing	remote sensing
Florian Ewald	Using retrieved microphysics to estimate the radiative forcing of Arctic Cirrus - two case studies	Arctic cirrus
Johannes Röttenbacher	Case studies of Arctic Cirrus radiative effects	Arctic cirrus