



Narval-II/EUREC⁴A/HD(CP)²- Workshop

Venue: Meteorological Institute, University of Cologne, Pohligstrasse 3, 50969 Köln

Date: 7.-9.12.2016

Agenda (Status: 6.12.16)

Wednesday, 7.12.16	
11:00-13:00	Pre-meeting preparations
13:00-13:30	Lunch
13:30-15:15	Narval-II flight reports (Stevens), Narval-II operations review (Hausold/Witte?)
15:15-15:45	Coffee Break
15:45-17:15	Instrument Review (Crewell)
15:45-16:00	WALES review (Wirth)
16:00-16:15	Current Status of the specMACS data captured during Narval-II (Kölling)
16:15-16:30	HAMP review (Konow)
16:30-16:45	SMART review (Wolf)
16:45-17:00	Drosondes (Stevens)
17:00-17:15	BAHAMAS (nn)
17:15-17:45	Buffer time
17:45-18:30	Discussion on data exchange (Ament)
19:30	Workshop Dinner, Brauhaus "Gaffel am Dom", Bahnhofsvorplatz, 150667 Köln, right at the main station

Thursday, 8.12.16	
9:00-10:30	Scientific Topics (NN, Gross)
9:00-9:15	Large scale vertical motion measurements during Narval-II (Bony)
9:15-9:30	Mid-level water vapor (Stevens)
9:30-9:45	NN (Groß)
9:45-10:00	Aerosol characterization at the BCO (Pöhlker)
10:00-10:15	Analysis of bioaerosols during dust events at Barbados (Prass)
10:15-10:30	Buffer time
10:30-11:00	Coffee Break
11:00-11:15	First results of the HAMP radiometer measurements during Narvall-II (Jacob)
11:15-11:30	HAMP cloud radar calibration and intercomparison (Ewald)
11:30-11:45	Weak Radar reflectivity signals below shallow cumulus clouds (Klingebiel)
11:45-12:00	Remote sensing of cloud structure and microphysics with specMACS (Mayer)
12:00-12:15	Satellite overview (Hansen)
12:15-12:30	Buffer time
12:30-13:30	Lunch
13:30-14:45	Products (Crewell)
13:30-13:50	High-resolution simulations of Narval-I and -II (Brück, Klocke)
13:50-14:45	Discussion on data products
14:45-15:15	Coffee Break
15:15-16:30	BAMS paper discussion (Stevens)
16:30-17:30	Next steps, meetings, other organizational issues (Wendisch ?)
Friday, 9.12.16	
9:00-10:30	Instrument Developments (Hirsch)
9:00-9:15	Radiometry (Mech)
9:15-9:30	Thermal Imager Feasibility (Kölling)
9:30-9:45	Options for the HAMP radar (Hirsch)
9:45-10:00	NCAR AVAPS Automated dropsonde system (Hirsch)
10:00-10:15	Future of SMART (Ehrlich)
10:15-10:30	SpecMACS (Kölling)
10:30-11:00	Coffee Break
11:00-12:30	EUREC⁴A: preparations and status (Stevens)
11:00-11:30	EUREC ⁴ A (Bony)
11:30-12:00	Ocean Eddy Measurements (Speich)
12:00-12:30	Ship-based sounding array (Rupert)
	End of Workshop