

Conveners: Felix Ament, Catherine Prigent, Patrick Eriksson, Chawn Harlow, Bjorn Stevens, Tobias Wehr, Susanne Crewell, Stefan Buehler

Joint ISMAR/HAMP Workshop Agenda

Tuesday June 7, 12:00 to Wednesday June 8, 17:00

University of Hamburg, 'Geomatikum', Bundesstrasse 55, Hamburg, Germany
Room 1528

All speakers please plan in 5-10 minutes of discussion time after your talk.

Day 1, Tuesday June 7

Morning: ICI/MWI SAG works on Science Plan (not part of workshop)

12:00 Light lunch buffet

13:00 Welcome

Session 1: Aircraft Instrument Status

13:15 Stuart Fox: Something to do with ISMAR (status of data/calibrations/latest flights)

14:15 Felix Ament: Report on HAMP status

15:00 Coffee break

Session 2: Retrieval Algorithms

15:30 Manfred Brath: Retrieval setup and results

16:00 Bengt Rydberg: Retrieval processing chain for derivation of ice water path from the Ice Cloud Imager on MetOp-SG-B.

16:30 Die Wang: Development of a statistical ice content retrieval for ICI derived from a realistic simulated database

17:00 Discussion

18:00 Adjourn

19:00 Dinner (organized, but participants pay themselves)

Day 2, Wednesday June 8

Session 3: General RT Issues

09:00 Anthony Baran: On the applicability of physical optics in the mm-wave and sub-mm-wave spectral regions: issues surrounding ice crystal complexity and particle size distributions

09:20 Robin Ekelund: A new single scattering database

09:40 Patrick Eriksson: Using CloudSat to test habit and particle size distribution assumptions

10:00 Coffee

10:30 Jana Mendrok: Radiative transfer developments for ISMAR and ICI

10:50 Susanne Crewell / Mario Mech: Using combined active passive measurements of HAMP

11:10 Die Wang: Evaluation of surface emissivity estimates up to 325 GHz with the ISMAR airborne instrument

11:30 Discussion

12:00 Lunch (organized, but participants pay themselves)

Session 4: Campaigns and Other Instruments

14:00 Chung-Chi Lin: 94 GHz Doppler Wind Radar Campaign Results

14:30 Tobias Wehr: EarthCARE - The Joint ESA-JAXA Earth Cloud-Aerosol-Radiation Explorer Satellite Mission

15:00 Coffee

15:15 Upcoming campaigns (NARVAL2, EUREC4A, ...)

16:15 Any other business

17:00 Close