

COMBLE Agenda

Thursday, June 25 2:00-4:00 p.m. eastern

Presentations (10 min each)

- Brief Intro, agenda, polling questions (Geerts)
- Aerosol-cloud-precipitation interactions in mixed-phase clouds over the Southern Ocean (Greg McFarquhar)
- Overview of data collected in COMBLE (Nathan Wales)
- Cloud properties during marine cold air outbreaks in COMBLE: a preliminary survey (Bart Geerts)
- Case study of a CAO in COMBLE (Yonggang Wang)
- Large Eddy Simulation of CAO Clouds in the Fram Strait, validated against airborne and satellite measurements (Roel Neggers)
- An observational and modelling case study of post-frontal boundary-layer convection over the Southern Ocean in MARCUS (Zachary Lebo)
- Status and calibration of the radar data (Alexis Hunzinger)
- Preliminary plans for VAPs and model forcing datasets in COMBLE (Damao Zhang)

Discussions (20 min each)

- Discussion: approaches for LES/CRM model setups, initializations, and coordinated evaluation in COMBLE (moderator: Mikhail Ovchinnikov)
- Discussion: data product needs (moderator: Mike Jensen <mjensen@bnl.gov>)