

**Research Area B Meeting
20 May 2020 (online)**

Program

12:00 Lunch

12:25 - 12:30 Welcome

12:30 - 13:00 Project B1: Microphysical uncertainties in hailstorms using statistical emulation and stochastic cloud physics (C. Hoose, P. Kuntze, M. Hieronymus)

13:00 - 13:30 Project B3: Sources of uncertainty for convective-scale predictability (F. Baur, A. Zarbo)

13:30 - 14:05 Project B4: Radiative interactions at the NWP scale and their impact on midlatitude cyclone predictability (R. Maier, M. Manev, A. Voigt)

Break

14:15 - 14:30 Project B5: Data-driven analysis and learning of the temporal evolution of ensemble forecasts (A. Kumpf, K. Höhle)

14:30 - 15:15 Project B6: New data assimilation approaches to better predict tropical convection (H. Jung, Y. Ruckstuhl, M. Borne)

15:15 - 15:30 Project B7: Identification of robust cloud and precipitation states via inverse methods (N. Porz)

15:30 - 15:45 Project B8: Role of uncertainty in ice microphysical processes in warm conveyor belts (C. Grams)

Break

15:55 - 16:50 Discussion

Note: If possible, the researcher working on the project should give the talk.