

# DOSE 2020 – 13.01.2020 – Schedule

## Invited Talk

9:30 – 10:15      Daniel Kunkel      From the northern to the southern hemisphere mid-latitudes: the HALO mission SouthTRAC

**Coffee break:** 10:15 – 10:30

## Session 1: Aerosols and Convection (Convener: Tim Lüttmer)

10:30 – 11:00      Edward Groot      Divergence budgets around convective events  
11:00 – 11:30      Marc Barra      Towards an Airquality Assessment Model using MECO(n)  
11:30 – 12:00      Alexander Filippi      Size distribution of particulate Environmentally Persistent Free Radicals

**Lunch break:** 12:00 – 13:00 (Coffee in front of the Senatssaal 13:00 – 13:15)

## Session 2: Clouds and Dynamics (Convener: Marc Barra)

13:15 – 13:45      Amelie Mayer      Dynamics of European heat waves  
13:45 – 14:15      Niklas Ehlert      Theory of gravity wave-induced ice microphysics  
14:15 – 14:45      Nikolas Porz      Unique solvability of a system of ordinary differential equations modeling a warm cloud parcel

**Plenary Discussion:** 14:45 – 15:00