



Heraeus Seminar, List of Speakers, preliminary

Name, Institution (field of work), alphabetical

Water vapor observations and trends

- 1 Moyer Liz, University Washington (water vapor isotopes)
- 2 Rosenlof Karen, NOAA (water vapor trends)
- 3 Rollins Andrew, Fahey Dave, NOAA (water vapor observations, Global Hawk)
- 4 Riese Martin, FZJ (water vapor transport)
- 5 Smith Jessica, Harvard University (water vapor observations)
- 6 Saathoff Harald, KIT (AQUAVIT)
- 7 Schumann Ulrich, DLR (RHI, ECMWF)
- 6 Thornberry Troy, Fahey Dave, NOAA (water vapor observations, aircraft)
- 9 Vömel Holger, Deutscher Wetterdienst (hygrometer network, trends)
- 10 Zahn Andreas, KIT (CARIBIC H₂O observations)
- 11 Zondlo Marc, Princeton University (water vapor observations)

Cirrus observations

- 12 Heymsfield Andrew, NCAR, Colorado (cirrus observations)
- 13 Jensen Eric, NASA (MACPEX, Sparticus, AATREX, cirrus observations, theory)
- 14 Krämer Martina, Forschungszentrum Jülich (cirrus, water vapor observations)
- 15 Rapp Markus, DLR (Polar Mesospheric Clouds, dynamical forcings)
- 16 Schnaiter Martin, KIT (ice crystal properties, roughness)
- 17 Voigt Christiane, DLR & University Mainz (contrails, water vapor observations)
- 18 Wendisch Manfred, University Leipzig (radiation, microphysics)
- 19 Yang Ping, tbc, Texas University, tbc (radiative transfer in cirrus)

Ice nucleation / Laboratory

- 19 Borrmann Stephan, University Mainz and MPI-C (wind channel experiments with ice)
- 20 Curtius Joachim, Goethe University Frankfurt (field experiments, INUIT)
- 21 DeMott Paul, Colorado State University (field experiments, ice nuclei)
- 22 Koop Thomas, University Bielefeld (ice thermodynamics, glassy aerosol)
- 23 Leisner Thomas, KIT (ice nucleation on nano particles)
- 24 Möhler Ottmar, KIT (ice nucleation, laboratory)
- 25 Murray Ben, University Leeds (aerosol ice interaction, glassy aerosol)

Theory / Modeling

- 26 Burkhardt Ulrike, DLR (global cirrus modeling)
- 27 Gettelman Andrew, NCAR (global modeling)
- 28 Gierens Klaus, DLR (ISSR and water vapor, theory)
- 29 Hendricks Johannes, DLR (heterogeneous ice nuclei, global modeling)
- 30 Hoose Corinna, KIT (regional scale modeling, heterogeneous ice nuclei)
- 31 Kärcher Bernd, DLR (microphysical modeling, dynamical forcings)
- 32 Luo Beiping, ETH (microphysical modeling)
- 33 Spichtinger Peter, University Mainz (cirrus modeling)
- 34 Wernli Heini, ETH (warm conveyor belt)