



20th AVAPS Users Group Meeting

24-25 April 2018

Meeting Location: NCAR Center Green 1, 3080 Center Green Drive,
Boulder, CO 80301

Tuesday, 24th April

- 8:00 am Coffee & Breakfast Snacks
- 8:30 am Welcome by Vanda Grubišić, Director of the NCAR Earth Observing Laboratory
- 8:35 am Meeting overview (Terry Hock, NCAR/EOL)
- 8:40 am NOAA dropsonde activities over the past 12 months (Jeff Smith, NOAA/AOC)
- 9:05 am 53rd Dropsonde (Thomas Barnaby, AFRC/53rd WRS)
- 9:30 am Vaisala business and manufacturing update (Mike Fowler, Vaisala)
- 9:55 am AVAPS activity at FAAM (Stephen Devereau, FAAM)
- 10:10 am Break
- 10:40 am MASED: Latest Development and What's on the Horizon (Andrew Keefe, Boston Engineering Corp.)
- 11:10 am Aspen update (Isabel Suhr, NCAR/EOL)
- 11:30 am ACS update (Nick Potts, NCAR/EOL)
- 12:00 pm Lunch
- 1:20 pm EPOCH-2017 Project Overview and Dropsonde Data Archive (Kate Young, NCAR/EOL)
- 1:40 pm KITsonde update (Andreas Wieser, Karlsruhe Institut of Technology)
- 2:00 pm Initial test-result of Japanese dropsonde system for T-PARCII (Kensaku Shimizu, Meisei)
- 2:20 pm Dropsonde observation of a typhoon in the T-PARCII project (Kazuhisa Tsuboki, Nagoya University)
- 2:40 pm Review of typhoon surveillance dropsonde mission (2003-02017) at Taiwan (Po-Hsiung Lin, NTU)
- 3:00 pm Break
- 3:30 pm Airborne measurement campaigns using the KMA/NIMS atmospheric research aircraft in Korea (Chulkyu Lee, KMA/NIMS)
- 3:50 pm First results of dropsonde measurements over East Sea from the KMA/NIMS atmospheric research aircraft (Soohyun Kwon, KMA/NIMS)
- 4:10 pm Open discussion
- 5:00 pm End
- 6:00 pm Reception & Dinner – NCAR Center Green 1, Upper Floor Cafeteria

Wednesday, 25th April

8:30 am Coffee & Breakfast Snacks

8:55 am Review Agenda

9:00 am Recent research with dropwindsondes at AOML/Hurricane Research Division (Sim Aberson, NOAA/HRD)

9:20 am Low Altitude UAS missions into Hurricane Maria (2017) (Joe Cione, NOAA/HRD)

9:40 am Update on the RD41 measurements (Holger Vömel, NCAR/EOL)

10:00 am Break

10:30 am Discussion: Dropsonde pressure measurements (Holger Vömel, NCAR/EOL)

10:45 am Discussion: Transition to NRD41 dropsonde (Terry Hock, NCAR/EOL)

11:00 am Discussion: BUFR messages from dropsondes (Holger Vömel, NCAR/EOL)

11:15 am Discussion: ACS: QC in the cloud? (Nick Potts, NCAR/EOL)

11:30 am Open discussion session: Future needs of dropsonde technology

11:50 am Summary of the meeting (Holger Vömel, NCAR/EOL)

12:00 pm Meeting adjourns