

Program HERZ DA at DWD

Location: KF GRÜN

Thursday, January 19th, 2017

- 13:30 R. Potthast
Survey and further plans
- 14:00 C. Schraff, H. Reich
KENDA, KENDA-EPS updates
- 14:30 M. Weissmann
Overview of HERZ phase 2 (part 1)
- 15:00 Coffee break
Discussion time

Session 2

- 16:00 T. Necker
Observation impact in short-range forecasts
- 16:30 S. Geiß
Ensemble Sensitivity: The potential impact of observed quantities
- 16:45 J. Schrötle
Assimilation of IR radiances in KENDA

Session 3

- 17:30 C. Keil
Overview of HERZ phase 2 (part 2)
- 17:50 K. Bachmann
Predictability of convection in the presence of orography in the idealized COSMO-KENDA-SOFIA framework

Friday, January 20th, 2017

- 09:00 Ch. Köpken-Watts
Overview of current satellite data assimilation developments at DWD
- 09:30 Walter, Raykova, Hollborn, Fernandez, Hutt, May
Status and results of ongoing satellite projects
- 10:00 L. Scheck
A fast forward operator for the assimilation of visible and near-infrared satellite observations in KENDA-COSMO
- 10:30 Coffee break
Discussion time

Session 5

- 11:00 R. Potthast
Intro to DATool
- 11:30 E. Bauernschubert
IFS and Radar

Session 6

- 13:00 T. Janjic
Overview of HErZ phase 2 (part 3)
- 13:30 H. Reich
Additive inflation
- 14:00 M. Sommer
A flexible additive inflation scheme and future COSMO experiments
- 14:30 C. Sgoff and A. Schomburg
Data assimilation for the boundary layer in HErZ Frankfurt - current status and plans
- 15:00 Y. Ruckstuhl
Parameter estimation at convective scale