

Joint LACE Data Assimilation Working Days and ALADIN Data Assimilation basic kit Working Days

18-20 September 2019, Prague

Wednesday (18th September 2019), between 9:00 – 18:00

- 09:00 – 09:15 Welcome and Opening
09:15 – 10:30 First common block of progress/status presentations, 15 min/pres.
Algeria, Bulgaria, Poland, Portugal, Morocco
10:30 – 11:00 **Coffee break (Room 1)**
11:00 – 12:00 Second common block of progress/status presentations, 15 min/pres.
Tunisia, Turkey, Austria, Hungary
12:00 – 13:30 **Lunch break**
13:30 – 14:45 Third common block of progress/status presentations, 15 min/pres.
Croatia, Belgium, Czech Republic, Slovakia, Slovenia
14:45 – 15:15 Discussion
15:15 – 15:45 **Coffee break (Room 1)**
15:45 – 16:00 Status of Surf DA in Météo France (C. Birman, remotely)
16:00 – 17:00 Questions to Météo-France (C. Birman, C. Fischer, remotely)
17:00 – 17:15 Status of SAPP (R. Darcy, remotely)
17:15 – 17:30 Status of OPLACE (A. Trojakova)
17:30 – 17:45 Status of HIRLAM upper-air DA activities (Roger Randriamampianina)
17:45 – 18:00 Discussion (questions to HIRLAM)

DAWD (Room 1)

Thursday (19th September 2019), between 9:00 – 18:00

- 09:00 – 10:30 Session on radar data assimilation
- Features of Bator cy46 in cy43 (M. Neštiak)
 - Dealiasing of radial winds (V. Švagelj)
 - Assimilation of OPERA reflectivity data: first trial (B. Strajnar)
 - Discussion on radar DA
- 10:30 – 10:50 **Coffee break (Room 1)**
10:50 – 12:00 Session on upper-air data assimilation
- VARQC under the framework of AROME-RUC (F. Meier)
 - QC analysis of SYNOP, wind profiler, AMV/HRW and aircraft observations. (A. Bučánek / A. Trojáková)
 - Discussion on upper-air observations
- 12:15 – 13:30 **Lunch break**
13:30 – 15:30 Session on upper-air data assimilation (cont.)
- Mode-S data assimilation at SHMU (K. Čatlošová)
 - Current work on attenuation of microwave links (P. Smerkol/B. Strajnar)
 - Discussion on E-GVAP dissemination and data assimilation (intro. by A. Trojáková)
 - Experiments with hourly RUC (A. Várkonyi)
- 15:30 – 16:00 **Coffee break (Room 1)**

DAsKIT (Room 2)

Thursday (19th September 2019), between 9:00 – 18:00

- 09:00 – 10:30 Session on diagnostics and validation of surface data assimilation
- Diagnostics and validation
 - Practical session
- 10:30 – 10:50 **Coffee break (Room 2)**
10:50 – 12:00 Session on diagnostics and validation of surface data assimilation (cont.)
- Practical session (cont.)
 - Discussion
- 12:15 – 13:30 **Lunch break**
13:30 – 15:30 Session on upper-air data assimilation
- B-matrix computation overview (F. Hdidou)
 - B-matrix diagnostics (W. Khalfaoui)
 - Discussion
 - Moving to Upper-air DA: DAsKIT upper-air 3D-Var KIT (intro by M. Monteiro)
- 15:30 – 16:00 **Coffee break (Room 2)**

Room 1 = Main conference room is on the ground floor

Room 2 = Second conference room is on the first floor (room no.165)

DAWD (Room 1)

16:00 – 18:00 Session on surface data assimilation

- SURFEX/surface data assimilation (J. Vural/S. Schneider)
- Offline soil moisture analysis within SURFEX-SODA framework (V. Tarjáni)
- Discussion on surface DA

DAsKIT (Room 2)

16:00 – 17:00 Session on pre-processing

- Issues with AMDAR pre-processing (I. Dehmous, remotely)
- Issues with AMDAR pre-processing (Z. Sahlaoui, remotely)
- Practical session

17:00 – 18:00 Session on verification

- Status of HARP verification tools (A. Deckmyn)
- Practical session

Friday (21st September 2018), between 9:00 – 12:00

09:00 – 10:00 Common discussion DAWD and DAsKIT (status M. Monteiro, B. Strajnar)

10:00 – 10:20 Coffee break (Room 1)

DAWD (Room 1)

10:20 – 12:00 LACE DA discussion and planning

DAsKIT (Room 2)

10:20 – 12:00 DAsKIT final discussion and planning: conclusions and further actions on pre-processing of conventional observations, surface data assimilation validation, upper-air data assimilation and verification.

List of DAWD participants

Antonín Bučánek (CHMI, Czech Republic)
Alena Trojáková (CHMI, Czech Republic)
Radmila Brožková (CHMI, Czech Republic)
Patrik Benáček (CHMI, Czech Republic)
Antonio Stanešić (DHMZ, Croatia)
Suzana Panežić (DHMZ, Croatia)
Mario Hrastinski (DHMZ, Croatia)
Martina Tudor (DHMZ, Croatia)
Benedikt Strajnar (ARSO, Slovenia)
Vito Švagelj (ARSO, Slovenia)
Michal Nestiak (SHMU, Slovak Republic)
Martin Imrišek (SHMU, Slovak Republic)
Viktor Tarjáni (SHMU, Slovak Republic)
Katarína Čatlošová (SHMU, Slovak Republic)
Mária Derková (SHMU, Slovak Republic)
Florian Meier (ZAMG, Austria)
Jasmin Vural (ZAMG, Austria)
Anikó Várkonyi (OMSZ, Hungary)

List of DAsKIT participants

Mohamed Mokhtari (ONM, Algeria)
Alex Deckmyn (RMI, Belgium)
Piet Termonia (RMI, Belgium)
Boryana Tsenova (NIMH, Bulgaria)
Rilka Valcheva (NIMH, Bulgaria)
Bogdan Bochenek (IMGW, Poland)
Maria Monteiro (IPMA, Portugal)
Haythem Belghrissi (INM, Tunisia)
Roger Randriamampianina (MetNorway, Norway)