

# **LACE DA and HIRLAM Surface Working Days 2017.**

Ljubljana (Slovenia)

18/09/2017 - 20/09/2017

## **List of participants:**

Roger Randriamampianina (MetNorway) - LACE DAWD at 19<sup>th</sup> of Sept. 2017

Patrick Samuelsson (SMHI) - HIRLAM Surface Working Week

Trygve Aspelien (MetNorway) - HIRLAM Surface Working Week

Samuel Viana (AEMET) - HIRLAM Surface Working Week

Emily Gleeson (Met Éireann) - HIRLAM Surface Working Week

Kristian P. Nielsen (DMI) - HIRLAM Surface Working Week

Camille Birman (Météo-France) - HIRLAM Surface Working Week

Antonin Bucanek (CHMI) - LACE DAWD

Alena Trojakova (CHMI) - LACE DAWD

Patrik Benacek (CHMI) - LACE DAWD

Tomislav Kovacic (DHMZ) - LACE DAWD

Antonio Stanesic (DHMZ) - LACE DAWD

Martina Tudor (DHMZ) - HIRLAM Surface Working Week

Benedikt Strajnar (ARSO) - LACE DAWD

Tone Zgonc (ARSO) - LACE DAWD

Mirela Pietrisi (MeteoRom) - LACE DAWD

Simona Tascu (MeteoRom) - LACE DAWD

Michal Nestiak (SHMU) - LACE DAWD

Martin Imrisek (SHMU) - LACE DAWD

Jozef Vivoda (SHMU) - HIRLAM Surface Working Week

Viktor Tarjani (SHMU) - HIRLAM Surface Working Week

Florian Meier (ZAMG) - LACE DAWD

Phillip Scheffknecht (ZAMG) - LACE DAWD

Stefan Schneider (ZAMG) - HIRLAM Surface Working Week

Jasmina Vural (ZAMG) - HIRLAM Surface Working Week

Mate Mester (OMSZ) - LACE DAWD

Mate Mile (OMSZ) - LACE DAWD

## **Via remote connection:**

Claude Fischer (Météo-France) - LACE DAWD

Pierre Brousseau (Météo-France) - LACE DAWD

Maria Monteiro (IPMA) - LACE DAWD

## **Agenda:**

**Monday (18th of September 2017.)** between 9:00 – 18:00,

- 09:00 – 09:10 Opening (Benedikt, Jure, Patrick, Mate)

### *Status presentations*

- 09:10 – 09:30 Austria (Florian Meier)
- 09:30 – 09:50 Croatia (Antonio Stanesic)
- 09:50 – 10:10 Czech Republic (Alena Trojakova)
- 10:10 – 10:30 Hungary (Mate Mile)
- 10:30 – 10:50 Slovakia (Michal Nestiak)

Coffee (10:50 – 11:20)

- 11:20 – 11:40 Slovenia (Benedikt Strajnar)
- 11:40 – 12:00 Romania (Mirela Pietrisi)
- 12:00 – 12:30 Status of OPLACE system (Alena Trojakova)

Lunch (12:30 – 13:30)

- 13:30 – 14:00 Status of HIRLAM surface DA activities (Patrick Samuelsson)
- 14:00 – 14:30 Surface assimilation activities at Météo-France (Camille Birman)

### *Surface data assimilation*

- 14:30 – 15:00 Offline SURFEX forcing package in python (Trygve Aspelien)

Coffee (15:00 – 15:30)

- 15:30 – 16:00 EKF surface assimilation activities at ZAMG (Stefan Schneider)
- 16:00 – 16:30 Validation of EKF (conventional observations and 1D experiments) (Viktor Tarjani)
- 16:30 – 18:00 Discussion

**Tuesday (19th of September 2017)** between 9:00 – 18:00

### *Upper-air DA talks*

- Status of HIRLAM upper-air DA activities (Roger Randriamampianina)
- RADAR/AROME-Nowcasting(Florian Meier)
- Mode-S EHS in ZAMG (Philip Scheffknecht)
- First steps towards OPERA/OIFS radar data assimilation in ALADIN/SI

- (Benedikt Strajnar)
- RADAR measurements (Tone Zgonc)
- Latest results of variational bias correction in LAM DA systems (Patrik Benacek)
- Appropriate B matrix for BlendVar (Antonin Bucanek)
- Evaluation of AROME/Nowcasting system (Mirela Pietrisi)

#### *Météo-France session*

- 13:30 – 14:00 testing Webex connection
- 14:00 – 15:30 Discussion with Maria and Météo-France colleagues
- GNSS data processing at near real time (Martin Imrisek)
- Assimilation of GNSS ZTD in AROME 3DVAR (Mate Mile)
- Assimilation experiments with Mode-S EHS (Benedikt Strajnar)

#### **Wednesday (20th of September 2017) between 9:00 – 14:00**

- Common discussion and possibilities for cooperations
- LACE DA discussion and planning