

HARMONIE system training 19-23 September 2011, SMHI, Norrköping.

The meeting location is the Almagrundet meeting room. For lecturers a smaller room (Målilla) will be available. The lecture room will be open every day from 08:00 for early birds.

1. Monday, 19 Sept

- * 08:30-09:15 Preparation
- * 09:30 Opening of workshop
 - * Round table self introduction
 - * Purpose and format of meeting; agenda; practical arrangement; Q & A

(UA)

- * 9:45 - 11:30 Introduction of HARMONIE system
 - * History, status, component development, plan (UA)
 - * HARMONIE features: (UA)
- * 10:30 Coffee
- * 11:00 Harmonie System Installation] (TM)
- * 11:45 miniSMS and mXCdp (OV)
- * 12:30 Lunch
- * 13:30 Tools and graphics (UA)
- * 14:30 Your first experiment (XY)
- * 15:00 Break
- * 15:30 - 18:00 Hands on session, Q&A

2. Tuesday, 20 Sept

- * 09:00 Dynamics (MH)
- * 09:45 The parallelization of HARMONIE (MH)
- * 10:30 Break
- * 11:00 AROME/ALARO physics (LR)
- * 12:30 Lunch
- * 13:30 Surfex (PS)
- * 14:30 HARMONIE/Surfex climate generation, boundary/surface coupling

(TA/UA)

- * 15:00 Break
- * 15:30-18:00 Hands on session, Q&A

3. Wednesday, 21 Sept

- * 09:00 HARMONIE surface and upper air analysis: Overview (RR)
- * 09:45 HARMONIE observation data handling? (RR)
- * 10:30 Break
- * 11:00 Surface assimilation aspects (TA)
- * 12:30 Lunch
- * 13:30 Jb and derivation of B statistics (ML)
- * 14:15 Monitoring and diagnosis of analysis results (ML)
- * 15:00 Break
- * 15:30 Tuning parameters in (variational) data assimilation (SI)
- * 16:00 - 18:00 Hands on with Q & A

4. Thursday, 22 Sept

- * 09:00 General aspects of verification (CF)
- * 09:45 Harmonie Quality (XY)
- * 10:30 Break
- * 11:00 Field verification (KE)
- * 11:30 Post-processing fullpos, gl, (TA)
- * 12:30 Lunch
- * 13:30 Verification usage (UA)
- * 14:15-17:00 Hands on with Q & A
- * 15:00 Break
- * 19.00 Joint Dinner!

5. Friday, 23 Sept

- * 9:00 Harmonie as a climate model (DL)
- * 10:00 Coffee
- * 10:30 Discussion, Suggestions and Summary
- * 12:00 Closure of workshop

Lecturers:

- * Mariano Hortal (MH)
- * Magnus Lindskog (ML)
- * Roger Randriamampianina (RR)
- * Trygve Aspelien (TA)
- * Laura Rontu (LR)
- * Patrick Samuelsson (PS)
- * Ulf Andrae (UA)
- * Xiaohua Yang (XY)
- * Trygve Aspelien (TA)
- * Toon Moene (TM)
- * Ole Vignes (OV)
- * Serge Ivanov (SI)
- * David Lindstedt (DL)