



AGENDA
ALADIN / HIRLAM
Joint 29th Workshop All-Staff Meeting 2019
Madrid, 1-5 April, 2019

Monday 1	Opening session S1: Data Assimilation Posters session//LTM meeting Reception/ice breaker
Tuesday 2	S2: Dynamics S3: Surface S4: System DA WG// System WG
Wednesday 3	S5: Physics S6: Verification Seminar : Harmonie-AROME GIT repository Social event & Dinner
Thursday 4	S7: EPS Closing session HARP side-meeting
Friday 5 : HMG-CSSI (AEMET premises)	

**Talks (including questions) : 20' each (15' for ALADIN & HIRLAM PM opening)
20' for discussions (or 5' when side-meeting later on)**

Monday, 1st April (08:30-20:00)

08:30	00:30	Registration
		Plenary opening session. Chair: Javier Calvo
09:00	00:10	Opening of the Meeting & Welcome speech
09:10	00:15	Piet TERMONIA ALADIN status overview
09:25	00:15	Jeanette ONVLEE HIRLAM highlights of the past year
09:40	00:20	Balazs SZINTAI Status of the EUMETNET C-SRNWP project
10:00	00:20	Filip VANA ECMWF progress report
10:20	00:30	Coffee break

Plenary session 1: Data Assimilation. Chair : Xiaohua Yang

10:50	00:20	Randriamampianina ROGER	HIRLAM upper-air data assimilation: progress report
11:10	00:20	Benedikt STRAJNAR	Overview of RC LACE data assimilation activities
11:30	00:20	Claude FISCHER	Data assimilation works at MF
11:50	00:20	Joan CAMPINS	Assimilation of AMDAR humidity observations
12:10	00:20	Schonach DAVID	Ingestion of Clouds into a Nowcasting Model

12:30 01:00 *Lunch break*

Plenary session 1 (cont.): Data Assimilation. Chair: Benedikt Strajnar

13:30	00:20	Pau ESCRIBA AYERBELETKF	with a like-operational HARMONIE-AROME in AEMET
13:50	00:20	Xiaohua YANG	CARRA reanalysis system: achievement and status
14:10	00:20	Florian MEIER	Nowcasting with AROME - recent challenges and developments in Austria
14:30	00:20	Carlos GEIJO	Towards a NWC application based on HARMONIE-AROME
14:50	00:20	Randriamampianina ROGER	Impact of observations in HARMONIE-AROME DA during the YOPP SOP1 period
15:10	00:20	General discussion	

15:30 00:30 *Coffee break*

16:00 02:00 **Posters session**

16:00 02:00 **ALADIN LTM meeting**

18:30 01:30 **Icebreaker**

20:00

Tuesday, 2 April (09:00-18:20)**Plenary session 2: Dynamics Chair: Piet Termonia**

09:00	00:20	Filip VANA	Higher order SL advection scheme
09:20	00:20	Petra SMOLIKOVA	Dynamics in LACE
09:40	00:30	Daan DEGRAUWE	A robust and scalable non-spectral solver for the ALADIN-NH dynamics
10:10	00:05	Discussion (D-Day announcement)	

10:10 00:30 *Coffee break*

Plenary session 3: Surface Chair: Samuel Viana

10:40	00:20	Patrick SAMUELSSON	Overview of HIRLAM surface activities
11:00	00:20	Camille BIRMAN	Snow analysis for NWP at Meteo France and recent developments for land surface analysis
11:20	00:20	Yurii BATRAK	Recent developments concerning the representation of sea-ice within the ALADIN-HIRLAM NWP system
11:40	00:20	Ekaterina KURZENEVA	Towards Harmonie between CANARI and SURFEX
12:00	00:20	Samuel VIANA	Testing target cy43h surface options in climate mode for assessment & reduction of surface bias: First results
12:20	00:05	Discussion (side-meeting announcement)	

12:25 01:00 **Lunch break**

Plenary session 4: System. Chair: Maria Derkova

13:25 00:20 Daniel SANTOS MUNOZ HARMONIE-AROME system status and advancement
13:45 00:20 Ryad EL KHATIB Jumping barriers in Arome
14:05 00:20 Claude FISCHER Oops, cycles !
14:25 00:20 Alexandre MARY Towards extended validation of new branches and main cycles.
14:45 00:20 Martina TUDOR Configuration 903 for LBC files
15:05 00:20 Yurii BATRAK Experiments with CMake
15:25 00:20 Ole VIGNE Single precision experiments with cycle 43
15:45 00:05 Discussion (side-meeting announcement)

15:50 00:30 **Coffee break**

16:20 02:00 **Side meeting on System**

16:20 02:00 **Side meeting on data assimilation**

18:20

Wednesday, 3 April (09:00-17:30)

Plenary session 5: Physics. Chair: Emily Gleeson

09:00 00:20 Jean-Marcel PIRIOU ARPEGE and AROME: recent developments and plans
09:20 00:20 Sander TIJM HARMONIE-AROME physics developments
09:40 00:20 Radmila BROZKOVA ALARO CMC at high resolution
10:00 00:20 Karl-Ivar IVARSSON Progress in turbulence, shallow convection and cloud-microphysics in MetCoOp
10:20 00:30 **Coffee break**

Plenary session 5 (cont.): Physics. Chair: Jean-Marcel Piriou

10:50 00:20 Laura RONTU About aerosol and cloud particle properties for radiation parametrizations
11:10 00:20 Daniel MARTIN PEREZ Use of CAMS Aerosols in Harmonie-Arome
11:30 00:20 Bjorg Jenny ENGDAHL Results from implementing elements of the Thompson microphysics into HARMONIE-AROME
11:50 00:20 Xiaohua YANG DMI experiences with hectometric modelling
12:10 00:20 Eoin WHELAN The CY43 MUSC environment
12:30 00:20 Discussion

12:50 01:00 **Lunch break**

Plenary session 6 : Verification. Chair: Alex Deckmyn

13:50 00:20 Bent SASS Short summary of HIRLAM-C verification activities
14:10 00:20 Christoph ZINGERLE HARP activities and plans
14:30 00:20 Bent SASS A new spatial verification scheme for NWP based on analyzing and forecasting local extremes
14:50 00:20 Andrew SINGLETON HARP: more than just a verification tool
15:10 00:20 Angeles HERNANDEZ Simulated Satellite Imagery from Harmonie-Arome - Applications

15:30	00:20	Åke JOHANSSON	Error growth on intra-daily timescales - The importance of the daily cycle in variability
15:50	00:05	Discussion (side-meeting announcement)	
15:55			
15:55	01:00	Seminar on the new setup of the Harmonie-Arome git repository	
17:30	05:00	Social event and official diner	
		buses depart at 17:30 from the Meeting venue towards la Pza de Oriente where guided tour starts at 18:00	

Thursday, 4 April (09:00-16:30)

		Plenary session 7: EPS. Chair: Yong Wang	
09:00	00:20	Inger-Lise FROGNER	HarmonEPS developments
09:20	00:20	Martin BELLUS	LAM-EPS activities in LACE
09:40	00:20	Clemens WASTL	C-LAEF: Convection permitting Ensemble System of ZAMG
10:00	00:20	Ulf ANDRAE	Towards continuous production and EDA in MetCoOp
10:20	00:20	Alfons CALLADO PALLARES	AEMET-gSREPS: The Convection-permitting LAM-EPS at Spanish Met Agency
10:40	00:30	<i>Coffee break</i>	
		Plenary session 7 (cont.): EPS. Chair: Inger-Lise Frogner	
11:10	00:20	Henrik FEDDERSEN	Experiences with DMI's operational COMEPS ensemble system
11:30	00:20	Geert SMET	Ensemble forecasting at the RMI of Belgium
11:50	00:20	Endi KERESTURI	Improving initial condition perturbations for a convection-permitting ensemble prediction system
12:10	00:20	Discussion	
12:30	01:00	<i>Lunch break</i>	
13:30	01:00	Plenary closing session. Chair: Neva Pristov	
14:30	02:00	Side meeting on HARP verification	
14:30	02:00	Additional side meeting (if needed)	
16:30		End of the meeting	

Friday, 5 April (09:00-18:00)

Meeting of the HIRLAM Management Group and the ALADIN Committee for Scientific and System/maintenance Issues
(HMG & CSSI members only)