



**AGENDA**  
**ALADIN / HIRLAM**  
**Joint 28th Workshop All-Staff Meeting 2018**  
**MF, Toulouse, 16-20 April, 2018**

Monday 16	Opening session S1: Data Assimilation Posters session//LTM meeting Reception/ice breaker
Tuesday 17	S2: Physics S3: Dynamics Surface WG// Climate WG
Wednesday 18	S4: Verification S5: Surface Social event & Dinner
Thursday 19	S6: EPS S7: System System WG // HARP WG Closing session Public conference
Friday 20 : HMG-CSSI	

**Talks (including questions) : 20' each (15' for ALADIN & HIRLAM PM opening)**  
**20' for discussions (or 10' when side-meeting later on)**

**Monday, 16 April (08:30-20:30)**

08:30    00:30    **Registration**

**Plenary opening session. Chair: Alain Joly**

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    00:30    *Coffee break*

**Plenary session 1: Data Assimilation. Chair : Xiaohua Yang**

10:30	00:20	Yann MICHEL	The future EnVar scheme for the AROME model
10:50	00:20	Roger RANDRIAMAMPINANINA	Upper-air data assimilation in HIRLAM, status and plan
11:10	00:20	Jelena BOJAROVA	Flow-dependent data assimilation in HARMONIE forecasting system
11:30	00:20	Wafa KHALFAOUI	Impact of an improved background-error covariance matrix with an AROME 3DVAR system over Tunisia
11:50	00:20	Carlos GEIJO	Balancing Initial Conditions with Variational Constraints. First Results with 3D-Var and LETKF
12:10	00:20	Jean-Francois MAHFOUF	Ongoing developments on the use of observations in the AROME 3D-Var

12:30 01:00 **Lunch break**

**Plenary session 1 (cont.): Data Assimilation. Chair: Jean-François Mahfouf**

13:30	00:20	Isabel MONTEIRO	ASCAT Assimilation Experiments with HARMONIE-AROME mesoscale model over Iberian Peninsula
13:50	00:20	Sigurdur THORSTEINSSON	Use of low peaking ATOVS channels over ice
14:10	00:20	Phillip SCHEFFKNECHT	Assimilation of Mode-S Data for High Resolution Simulations
14:30	00:20	Benedikt STRAJNAR	Impact of Mode-S EHS observations in ALADIN
14:50	00:20	Trygve ASPELIEN	On the use of amateur weather observations in an operational nowcasting and NWP framework
15:10	00:20	Xiaohua YANG	C3S Copernicus Arctic Regional Reanalysis system
15:30	00:20	General discussion	

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

16:20 02:10 **Posters session**

16:20 02:10 **ALADIN LTM meeting**

18:30 02:00 **Icebreaker**

20:30

**Tuesday, 17 April (09:00-18:30)****Plenary session 2: Physics Chair: Emily Gleeson**

09:00	00:20	Yann SEITY	Recent work on AROME physics
09:20	00:20	Sander TIJM	HARMONIE-AROME forecast model developments
09:40	00:30	Radmila BROZKOVA, Neva PRISTOV	ALARO-1 Canonical Model Configuration developments and tests
10:10	00:20	Luc GERARD	Reconnecting cloud representations in Alaro-1

10:30 00:30 **Coffee break**

**Plenary session 2 (cont.): Physics Chair: François Bouyssel**

11:00	00:20	Eric BAZILE	What can we learn from GABLS4 ?
11:20	00:20	Benoit VIE	Evaluation of the 2-moment scheme LIMA and recent developments
11:40	00:20	Daniel MARTIN-PEREZ	Update of number of cloud droplets using MACC outputs

12:00	00:20	Bjorg Jenny ENGDAHL	Improved representation of supercooled liquid water in HARMONIE-AROME
12:20	00:20	Kristian Pagh NIELSEN	Testing the snow albedo sensitivity in HARMONIE-AROME
12:40	00:20		General discussion
13:00	01:00		<b>Lunch break</b>
			<b>Plenary session 3: Dynamics. Chair: Piet Termonia</b>
14:00	00:20	Petra SMOLIKOVA	Dynamics in LACE
14:20	00:20	Fabrice VOITUS	Progress on quasi-elastic system
14:40	00:20	Karim YESSAD	An alternate way to treat Melmholtz equation in the NHEE model
15:00	00:20	Daan DEGRAUWE	The mass-based non-hydrostatic dynamics dwarf
15:20	00:20	Martina TUDOR	LBC files - make and use
15:40	00:20		General discussion
16:00	00:30		<b>Coffee break</b>
16:30	02:00		<b>WG on Climate</b>
16:30	02:00		<b>Side meeting on surface physics and data assimilation</b>
18:30			

### Wednesday, 18 April (09:00-17:30)

			<b>Plenary session 4: Verification. Chair: Yong Wang</b>
09:00	00:20	Christoph ZINGERLE	HARP Status and Plans
09:20	00:20	Andrew SINGLETON	The future for point verification in HARP
09:40	00:20	Bent SASS	HIRLAM-C activities on verification: Status and Plans
10:00	00:20	Garcia-Moya JOSE A.	Verification of hourly precipitation using OPERA dataset
10:20	00:20	Francois BOUYSSSEL	Preliminary results with upgraded horizontal resolution in ARPEGE
10:40	00:30		<b>Coffee break</b>
			<b>Plenary session 4 (cont.): Verification. Chair: Carl Fortelius</b>
11:10	00:20	Angeles HERNANDEZ	Simulated MSG SEVIRI imagery from the HARMONIE-AROME model
11:30	00:20	Joel STEIN & Fabien STOOP	new neighborhood-based contingency tables
11:50	00:20	Morten KOLTZOW	Year Of Polar Prediction and AROME Arctic
12:10	00:20	Ines SANTOS ATIENZA	Assessment of HARM-AROME model at 1.0 km over the Spanish coast for wind forecast
12:30	00:20	Danijel BELUSIC	Large spatial spin-up at inflow boundaries in HCLIM-AROME
12:50	00:10		Discussion (side-meeting announcement)
13:00	01:00		<b>Lunch break</b>
			<b>Plenary session 5 : Surface. Chair: Martina Tudor</b>
14:00	00:20	Patrick LE MOIGNE	SURFEX
14:20	00:20	Patrick SAMUELSSON	Overview of HIRLAM surface activities
14:40	00:20	Camille BIRMAN	Meteo-France operational land surface analysis for NWP: current status and perspectives

15:00	00:20	Ekaterina KURZENEVA	Performance of FLake in HARMONIE
15:20	00:20	Laura RONTU	Status of subgrid-scale orography parametrizations ororad and orotur in HARMONIE-AROME
15:40	00:20	Margarita CHOULGA	Anthropogenic influence to continental land surface stocks and fluxes
16:00	00:20	Patrick LE MOIGNE	ECOCLIMAP Second Generation
16:20	00:10	Discussion (side-meeting announcement)	
16:30			
17:30	05:00	<b>Social event and official diner</b>	

### Thursday, 19 April (09:20-17:00)

#### **Plenary session 6: EPS. Chair: Alex Deckmyn**

09:20	00:20	Inger-Lise FROGNER	HarmonEPS developments
09:40	00:20	Martin BELLUS	LAM-EPS activities in LACE
10:00	00:20	Yann MICHEL	The AROME EDA: formulation and impact on the deterministic AROME 3DVar
10:20	00:20	Yong WANG	Seamless ensemble forecasting from minutes to days
10:40	00:20	General discussion	

*11:00 00:30 Coffee break*

#### **Plenary session 7: System. Chair: Ulf Andrae**

11:30	00:20	Claude FISCHER	Cycles, mitraillette and the like
11:50	00:20	Daniel SANTOS MUNOZ	HARMONIE-AROME system progress and evolution
12:10	00:20	Roel STAPPERS	OOPS progress at ECMWF
12:30	00:20	Ryad EL KHATIB	Object orientation in post-processing
12:50	00:10	Discussion (side-meeting announcement)	

*13:00 01:00 Lunch break*

14:00 01:00 **Plenary closing session. Chairs: Jeanette Onvlee & Piet Termonia**

15:00 02:00 **Side meeting on HARP verification**

15:00 02:00 **System side meeting**

17:00 End of the meeting

20:00 01:30 **Public conference (in French). Presenter: Laure Raynaud**

Vers une prévision des incertitudes en météorologie

### Friday, 20 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)