



AGENDA
ALADIN / HIRLAM
Joint 27th Workshop & All-Staff Meeting 2017
FMI, Helsinki, 3-7 April, 2017

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Monday, 3 April (08:30-21:00)	Opening session S1 : Data Assimilation S2 : Dynamics Posters session // WG1 : Recent upper-air DA issues // WG2 Reception/icebreaker
Tuesday, 4 April (08:30-18:10)	S3 : Physics S4 : Quality, User and Climate aspects LTM meeting // WG3 : cloud, aerosol, radiation
Wednesday, 5 April (08:30-14:30)	S5: Surface S6: System and Scalability issues Social event
Thursday, 6 April (08:50-15:45)	S7: E.P.S. Closing session WG4 // WG5
Friday, 7 April (09:00-18:00)	Meeting of the HIRLAM Management Group and the ALADIN Committee for Scientific and System/maintenance Issues

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

Monday, 3 April (08:30-21:00)

08:30	00:15	Registration	
		Plenary opening session. Chair: Carl Fortelius	
08:45	00:10	Opening of the Meeting & Welcome speech	
08:55	00:15	Jeanette Onvlee	Recent HIRLAM highlights
09:10	00:15	Piet Termonia	ALADIN status overview
09:25	00:20	Balazs Szintai	Status of the EUMETNET C-SRNWP project
09:45	00:30	Coffee break	
		Plenary session 1: Data Assimilation. Chair : Tomislav Kovacic	
10:15	00:30	Claude Fischer	Progress and plans of global data assimilation at MF
10:45	00:20	Roger Randriamampianina	HIRLAM atmospheric data assimilation
11:05	00:20	Mate Mile	The latest data assimilation activities in LACE countries
11:25	00:20	Antonin Bucanek	Appropriate Bmatrix for BlendVar
11:45	00:20	Roel Stappers	OOPS developments at ECMWF
12:05	01:00	Lunch break	

		Plenary session 1 (cont.): Data Assimilation. Chair: Xiaohua Yang	
13:05	00:20	Florian Meier	Tests on cloud initialisation with AROME over Austria and Germany
13:25	00:20	Erik Gregow	Cloud (NWCSAF) assimilation in Harmonie
13:45	00:20	Jana Sanchez Arriola	Assimilation of ATOVS and GNSS ZTD observations in Aemet
14:05	00:20	Martin Ridal	Assimilation of GNSS ZTD from the NGAA processing centre
14:25	00:20	Eoin Whelan	An update on observation processing
14:45	00:05	Announcement of the WG	

14:50 00:30 *Coffee break*

		Plenary session 2 : Dynamics. Chair: Daan Degrauwe	
15:20	00:20	Steven Caluwaerts	The dynamics core program
15:40	00:20	Ludovic Auger	Current Research and Development in dynamics at Meteo-France
16:00	00:20	Petra Smolikova	LACE news in dynamics
16:20	00:20	Filip Vana	Local semi-implicit scheme
16:40	00:20	General discussion	

17:00	02:00	Posters session	
17:00	02:00	WG on Recent upper-air DA issues (Roger Randriamampianina)	
17:00	02:00	Surface side meeting on Surface processes and data assimilation (Patrick Samuelsson)	

19:00 02:00 **Icebreaker**
21:00

Tuesday, 4 April (08:30-18:10)

		Plenary session 3: Physics. Chair: Emily Gleeson	
08:30	00:20	Francois Bouyssel	Progress and plans in the ARPEGE and AROME models physics
08:50	00:20	Neva Pristov	ALARO status overview
09:10	00:20	Luc Gerard	Cloud and convection in Alaro-1
09:30	00:20	Lisa Bengtsson	Convective Precipitation in HARMONIE-AROME
09:50	00:20	Karl-Ivar Ivarsson	Current development of the cloud microphysics within MetCoOp

10:10 00:30 *Coffee break*

		Plenary session 3 (cont.): Physics. Chair: François Bouysel	
10:40	00:20	Eric Bazile	1D and 3D evaluation of several options for PBL schemes with a focus on low cloud
11:00	00:20	Xiaohua Yang	Experiences with sub-km HARMONIE-AROME
11:20	00:20	Laura Rontu	Comparison of HIRLAM radiation fluxes to surface observations
11:40	00:20	General discussion	

12:00 01:00 *Lunch break*

		Plenary session 4: Quality, User and climate aspects. Chair: Maria Derkova	
13:00	00:20	Christoph Zingerle	HARP news
13:20	00:20	Bent Sass	Status on Verification and Quality Assurance in HIRLAM-C
13:40	00:20	Sander Tijm	Operational HARMONIE-AROME issues (clouds and precipitation)
14:00	00:20	Martina Tudor	High-resolution operational ALADIN System for forecasting meteotsunamis
14:20	00:20	Per Unden	The Reanalyses and Data produced in UERRA

14:40 00:30 *Coffee break*

		Plenary session 4 (cont.): Quality, User and climate aspects. Chair: Per Unden	
15:10	00:20	Steven Caluwaerts	Studying the local microclimate in Gent.
15:30	00:20	Emily Gleeson	Met Eireann 35-year regional reanalysis
15:50	00:20	General discussion	

16:10 02:00 **ALADIN LTM meeting**
16:10 02:00 **WG on clouds, radiation and aerosol (Laura Rontu)**
18:10

Wednesday, 5 April (08:30-14:30)

Plenary session 5: Surface. Chair: Neva Pristov			
08:30	00:20	Patrick Samuelsson	Overview of HIRLAM surface progress and plans
08:50	00:20	Rafiq Hamdi	Preliminary tests of the CMC ALARO-1 coupled to SURFEX-8 using CY43T2 over Belgium
09:10	00:20	Ekaterina Kurzeneva	FLake in Harmonie
09:30	00:20	Margarita Choulga	Lake Surface Water Temperature autocorrelation functions
09:50	00:20	Martina Tudor	Impact of the Sea Surface Temperature in operational forecast using ALADIN System
10:10	00:20	Laura Tuomi	Using wave forecast model to estimate the accuracy of surface wind fields in the Baltic Sea
10:30	00:10	General discussion	
10:40	00:30	<i>Coffee break</i>	
Plenary session 6: System and Scalability issues. Chair: Eoin Whelan			
11:10	00:20	Claude Fischer	System status: about IFS cycles, about OOPS
11:30	00:20	Daniel Santos Munoz	Harmonie-Arome system: Status and future
11:50	00:20	Daan Degrauwe	LAM features in the ATLAS framework
12:10	00:20	Filip Vana	Single precision IFS
12:30	01:00	<i>Lunch break</i>	
Plenary session 6 (cont.): System and Scalability issues. Chair: Piet Termonia			
13:30	00:15	Per Berg	Recent progress on the ACRANEB2 dwarf from the ESCAPE project, Part I
13:45	00:15	Jacob Weismann Poulsen	Recent progress on the ACRANEB2 dwarf from the ESCAPE project, Part II
14:00	00:15	Bent Hansen Sass	ACRANEB2 in ESCAPE: Testing a multigrid idea
14:15	00:15	General discussion	
14:30	08:00	Social event and official diner (rendez-vous at Helsinki Market Square Harbour at 17:00)	
22:30			

Thursday, 6 April (08:50-15:45)

Plenary session 7: EPS. Chair: Yong Wang			
08:50	00:20	Inger-Lise Frogner	Developments on HarmonEPS and GLAMEPS
09:10	00:20	Martin Bellus	LAM-EPS activities in LACE
09:30	00:20	Ulf Andrae	Experiences and challenges with MetCOoP EPS
09:50	00:20	Geert Smet	RMI-EPS: a prototype convection-permitting EPS for Belgium
10:10	00:20	Clemens Wastl	Stochastic perturbation of partial tendencies in AROME
10:30	00:30	<i>Coffee break</i>	
Plenary session 7 (cont.): EPS. Chair: José A. Garcia-Moya			
11:00	00:20	Andrew Singleton	Surface perturbations in HarmonEPS
11:20	00:20	Jure Cedilnik	The growth of ensemble spread in mesoscale NWP model due to LB and IC perturbations
11:40	00:20	General discussion	
12:00	00:45	Plenary closing session. Chairs: Jeanette Onvlee & Piet Termonia	
12:45	01:00	<i>Lunch break</i>	
13:45	02:00	WG on System	
13:45	02:00	Verification/HARP side meeting (Bent Hansen Sass, Christoph Zingerle)	
15:45		End of the meeting	

Friday, 7 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)