



AGENDA ALADIN / HIRLAM

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

version on: 30 Mar 2017

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 sessi	ion. Chair: Carl Fortelius
08:45	00:10	Opening of the Meetin	g & 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: Da	ta Assimilation. Chair : Tomislav Kovacic
10:15	00:30	Claude Fischer	Progress and plans of global data assimilation at MF
10:45	00:20	Roger	HIRLAM atmospheric data assimilation
		Randriamampianina	
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 (cor	nt.): 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 : Dy	ynamics. Chair: Daan Degrauwe
15:20	00:20	Steven Caluwaerts	The dynamics core program
15:40	00:20	Ludovic Auger	Current Research and Developpment 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		-air DA issues (Roger Randriamampianina)
17:00	02:00		on Surface processes and data assimilation (Patrick Samuelsson)
17.00	02.00	Surface side incetting	on Surface processes and data assimilation (1 acrick Samucisson)
19:00	02:00	Icebreaker	
21:00			

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

		Plenary session 3: Phy	ysics. 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 (con	nt.): Physics. Chair: François Bouyssel
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	
12.00	01.00	Lunch break	
		•	ality, 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 (con	nt.): 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		
16:10	02:00	ALADIN LTM meetin	8
16:10	02:00	WG on clouds, radiat	ion and aerosol (Laura Rontu)
18:10			

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

		Plenary session 5: Sur	face. 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	Coffee break	
		Plenary session 6: Sys	tem 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	Lunch break	
		Plenary session 6 (con	at.): 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 offici	ial diner (rendez-vous at Helsinki Market Square Harbour at 17:00)

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	Coffee break
		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	Lunch break
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