

AGENDA (version 10/05/12)

ALADIN / HIRLAM

22th Workshop / All-Staff Meeting 2012

Palais des Congrès, Marrakesh, 7-11 May, 2012

Sessions	
Monday 7 <u>Main room</u> ~90p	Opening : 1h00 S1 Data assimilation (including discussion): 5h10 Reception/ice breaker
Tuesday 8 <u>Main room</u> ~90p	S2: Probabilistic forecasting and LAMEPS (including discussion) : 1h50 1 st Poster session: 1h30 Working group Session 1 (use of high-resolution observations): 1h30 ALADIN LTM meeting 2h 2 nd Poster session : 2h ALADIN CSSI preparation meeting : 1h30
Wednesday 9 <u>Main room</u> ~90p	S3: Dynamics (including discussion): 1h30 S4: Model physics (including discussion) : 4h10 visit and Dinner
Thursday 10 <u>Main room</u> ~90p	S5: System aspects and verification: 3h30 Closing session: 0h20 Working group Session 2 (system aspects): 1h30
Friday 11 ~20p	HMG-CSSI :9h-18h

Talks (including questions) : normally 20' each (10' for Pms during the opening)
30' for general discussion
20' for closing session

Monday, 7 May

08:30-09:00 Registration

09:00-09:50 Plenary opening session. *Chair: Jan Barkmeijer*

Opening of the Meeting

Welcome

Practical arrangements for the meeting

09:10-09:20 Piet Termonia: ALADIN organizational relevant aspects

09:20-09:30 Jeanette Onvlee : HIRLAM organizational relevant aspects

09:30-09:40 Dijana Klaric : LACE program future

09:40-10:00 Gergely Boloni : C-SRNWP and the new EUMETNET programme phase (2013-2017)

10:00-10:30 *Coffee break*

10:30 – 12:10 Plenary session 1 : Data assimilation and use of observations. *Chair: Claude Fischer*

10:30-10:50 : Fatima Zahra Hdidou & Zahra Sahlaoui : Data assimilation in ALADIN-MOROCCO : State of art

10:50-11:10 : Pierre Brousseau : Recent research on AROME-France data assimilation

11:10-11:30 : Tomislav Kovacic : Data assimilation at RC LACE

11:30-11:50 : Jan Barkmeijer : Harmonie suite at KNMI and future plans

11:50-12:10 : Roger Randriampianina : The use of High-resolution winds in ALADIN/Hu

12:10-14:00 *Lunch*

14:00 – 15:20 Plenary session 1 (...): Data assimilation and use of observations. *Chair: Ole Vignes*

14:00-14:20 : Loïk Berre : Variational ensemble data assimilation

14:20-14:40 : Per Dahlgren : Using Jk in AROME 3DVAR, some initial test

14:40-15:00 : Jelena Borajova : Flow-dependent data assimilation in HIRLAM/Harmonie

15:00-15:20 : Geijo Carlos : Assimilation of AEMET Radar Reflectivity Data in HARMONIE using the Field Alignment technique

15:20-15:50 *Coffee break*

15:50 – 18:00 Plenary session 1 (...): Data assimilation and use of observations. *Chair: Gergely Boloni*

15:50-16:10 : Claude Fischer : Progress and plans on Observations in MF

16:10-16:30 : Roger Randriampianina : On the use of satellite radiances in ALADIN/HARMONIE

16:30-16:50 : Sibbo van der Veen: MSG cloud mask initialisation in the Rapid Update Cycle of Hirlam

16:50-17:10 : Ekaterina Kurzeneva : Data Assimilation over lakes: introduction and first results

17:10-17:30 : Cornel Soci : Improvements to the surface analysis in EURO4M project

17:30-18:00 : General discussion

18:30 – 20:00 : Reception/ice breaker

Tuesday, 8 May

09:00-10:50 Plenary session 2: Probabilistic forecasting and LAMEPS. *Chair: Roger Randriamampianina*

09:00-09:20 : Yong Wang : R&D status of ALADIN-LAEF

09:20-09:40 : Mihaly Szucs : Latest developments around the LAMEPS in Hungary

09:40-10:00 : Alex Deckmyn : GLAMEPS setup and verification

10:00-10:20 : Inger-Lise Frogner : Plans for GLAMEPS, HarmonEPS and FROST-14

10:20-10:50 : General Discussion

10:50-11:20 *Coffee break*

11:20 –12:50 : Poster session 1

11:20 –12:50 : Working group 1 : use of high-resolution observations

12:50-14:30 *Lunch*

14:30-16:30 ALADIN LTM meeting

14:30-16:30 LTM meeting, CSSI members welcome

14:30-16:30 Poster session 2

16:30-17:00 *Coffee break*

(17:00–18:30 ALADIN CSSI preparation meeting to HMG/CSSI)

Wednesday, 9 May

09:00–10:30 Plenary session 3: Dynamics. Chair: Mariano Hortal

09:00-09:20 : Pierre Bénard : Recent developments in AROME dynamics

09:20-09:40 : Daan Degrauwe : The implementation of Boyd's proposal in the HARMONIE system

09:40-10:00 : Steven Caluwaerts : Potential innovations for the ALADIN-dynamical core ? The future of the ALADIN dynamical core

10:00-10:30 : General discussion

10:30-11:00 *Coffee break*

11:00-12:40 Plenary session 4: Model physics. Chair: Neva Pristov

11:00-11:20 : Piet Termonia : ALARO-1: an overview

11:20-11:40 : Joris Van den Bergh : Prognostic graupel and new cloud overlap scheme in ALARO

11:40-12:00 : Eric Bazile : Evolution of the ARPEGE physics

12:00-12:20 : Yann Seity : Status and plans on AROME-France configuration (model part)

12:10-12:40 : Javier Calvo : Representation of deep convection in HARMONIE/AROME model

12:40-14:00 *Lunch*

14:00-15:20 Plenary session 4: (...) : Model physics. Chair: Sander Tijm

14:00-14:20 : Laura Rontu : Le Monde Physique de l'HARMONIE

14:20-14:40 : Rafiq Hamdi : Coupling SURFEX/TEB to the high-resolution (4km) ALARO: Which benefits for a highly urbanized area, Belgium

14:40-15:00 : Patrick Samuelsson : Status of multi-energy balance in SURFEX

15:00-15:20 : Margarita Choulga : Estimations of mean lake depth for boreal lakes

15:20-15:50 *Coffee break*

15:50-16:10 : Eric Martin : Recent advances in the SURFEX governance, scientific and technical aspects

16:10-16:30 : Sami Niemelä : Winter-time convection in Harmonie - a heavy snowfall case in Southern Finland

16:30-17:00 : General discussion

17:00- : visit and official dinner

Thursday 10 May

09:00-10:20 Plenary session 5: System aspects and verification. Chair: Sami Niemela

09:00-09:20 : Ryad el Khatib : Optimization of CANARI

09:20-09:40 : Enda O'Brien : Stabilizing high-resolution HARMONIE

09:40-10:00 : Claude Fischer : A tentatively brilliant overview of cycles and objects

10:00-10:20 : Theresa Gorgas : On the uncertainty of verification measures by reference data

10:20-10:50 *Coffee break*

10:50-12:20 Plenary session 5: System aspects and verification. Chair: Alex Deckmyn

10:50-11:10 : Ulf Andrae : Status of the HIRLAM/HARMONIE reference systems

11:10-11:30 : Xiaohua Yang: Evaluation of Harmonie Cy37h1

11:30-11:50 : Xiaohua Yang: Verification methods

11:50-12:10 : Tijm Sander : Experiences and user requirements for HARMONIE

12:10-12:40 : Christoph Zingerle : Verification activities in ALADIN

12:40-13:00 : General discussion

13:00-13:15 : Plenary closing session. Chair: Jeanette Onvlee and Piet Termonia

13:00-13:15 : Closing discussions

13:15- 14:30 *Lunch*

14:30-16:00 Working Group 2 : system aspects

Friday 11 May (9:00-18:00) : HMG-CSSI meeting

09:00-10:30 HMG-CSSI

10:30-10:45 *Coffee break*

10:45-12:15 HMG-CSSI (...)

12:15- 13:45 *Lunch*

13:45-15:15 HMG-CSSI (...)

15:15-15:45 *Coffee break*

15:45-18:00 HMG-CSSI (...)

Posters

Banciu Doina	ALADIN Operational activities in Romania
Barkmeijer Jan	Netherlands national poster
Bogatchev Andrey	Status of the operational applicatin in BULGARIA
Bucanek Antonin	The Evolution of Dispersion Spectra in Blending cycle
Calvo Javier	Fog and low clouds in HARMONIE/AROME. Validation and sensitivity studies
Deckmyn Alex	Belgian national poster
Derkova Maria	ALADIN related activities at SHMI
Driss BARI	Verification of operational ALADIN-MAROC forecasts using MET package
El Ouarini Rachida	Sensitivity of ensemble-based variances to initial background perturbations
Gustafsson Nils	Recent developments in HIRLAM 4D-VAR
Hamadache Bachir	Modellisation of the desert dust atmospheric cycle in ALADIN
Hamdi Rafiq	Regional climate of summer maximum surface air temperature over Belgium through high-resolution dynamical downscaling
Jerczynski Marek	Aladin in Poland - recent operational and R&D achievements
Klaric Dijana	LACE Activity
Kornich Heiner	Preparing for the Atmospheric Dynamics Mission Aeolus using ensemble data assimilation
Kristiansen Jørn	A proposed high-resolution EPS for forecasting polar lows
Kucukkaraca Ersin	Turkey National Poster
Lindskog Magnus	Correction of phase errors. Warping and balancing
Meier Florian	Austrian National Poster - activities in the framework of ALADIN/ALARO at ZAMG
Meier Florian	Implementation of and experiments with AROME 2.5km over Austria
Monteiro Maria	ALADIN - Portuguese Technical and Scientific activities
Pottier Patricia	French National Poster
Pristov Neva	ALADIN in Slovenia
Sbii Siham	Using Satellite Ozone data as pseudo-observations in ALADIN
Smet Geert	Probabilistic forecasting of extreme air pollution peaks
Stanesic Antonio	NWP activities in Croatia
Stanesic Antonio	A diagnostic study of the background error statistics in ALADIN/HR data assimilation system
Szucs Mihaly	NWP at the Hungarian Meteorological Service
Trojakova Alena	ALADIN@CHMI - operational status in Czech Republic
Vignes Ole	MetCoOp - Swedish/Norwegian Operational Cooperation
Whelan Eoin	Operational NWP in Met Eireann
Whelan Eoin	Assimilation of new radiosonde observations in Harmonie
Zaaboul Rashyd	National Poster

Participants

Dz Algeria	Bachir Hamadache (dep LTM)	1	Dk Denmark	Xiaohua Yang (HMG)	1
At Austria	Theresa Gorgas Florian Meier Yong Wang (dep LTM) Christoph Zingerle (CSSI)	4	Es Estonia		0
Be Belgium	Steven Caluwaerts Alex Deckmyn (LTM, CSSI) Annelies Duerinckx Daan Degrauwe (CSSI) Rafiq Hamdi Piet Termonia (PM) Joris Van den Bergh Rozemien De Troch Geert Smet	9	Fi Finland	Margarita Choulga Kalle Eerola Ekatherina Kurzeneva Sami Niemelä Laura Rontu (HMG)	4
Bg Bulgaria	Andrey Bogatchev (dep LTM)	1	Ic Iceland		0
Hr Croatia	Alica Bajic (LTM) Dijana Klaric (LACE) Tomislav Kovacic Antonio Stanesic	4	Ir Ireland	Enda O'Brien Klara Finkle Eoin Whelan	3
Cz Czech Republic	Antonin Bucanek Alena Trojakova (CSSI, dep LTM) Petra Smolikova	3	Li Lithuania		
Fr France	Eric Bazile Pierre Bénard (CSSI) Loik Berre Pierre Brousseau Ryad El Khatib (CSSI) Claude Fischer (LTM, CSSI) Eric Martin Jean-Antoine Maziejewski (ST) Patricia Pottier (ST) Yann Seity Cornel Soci	11	Nl Netherlands	Jan Barkmeijer Tilly Driesenaar (HMG) Jeanette Onvlee (PM) Sander Tijm Sibbo Van der Veen	5
Hu Hungary	Roger Randriamampianina (LTM, ACNA) Mihaly Szucs	2	No Norway	Trygve Aspelien Jelena Bojarova (HMG) Inger-Lise Frogner (HMG) Ole Vignes	4
Ma Morocco	Driss Bari Hassan Haddouch (LTM) Fatima Zahra Hdidou Mohamed Jidane Zahra Sahlaoui Rashyd Zaaboul	6	Es Spain	Javier Calvo Carlos Geijo Mariano Hortal (HMG)	3
Pl Poland	Marek Jerczyński (LTM)	1	Se Sweden	Ulf Andrae (HMG) Per Dahlgren Heiner Kornich Patrick Samuelsson	4

Pt Portugal	Maria Monteiro (LTM) Joao Rio	2	Ru Russia	Margarita Choulga	1
Ro Romania	Doina Banciu (LTM)	1			
Sk Slovakia	Maria Derkova Oldrich Spaniel Jozef Vivoda (dep. LTM)	3			
Si Slovenia	Neva Pristov (LTM)	1			
Tu Tunisia					
Tr Turkey	Ersin Küçükcaraca (LTM)	1			
Total		52			25
SRNWP : Gergely Boloni					