

ALADIN-LACE System Coordinator (ASC)

Plan 2017

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Period:	2017
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1. Introduction and background

The activities of ALADIN-LACE System Coordinator (ASC) are listed in the Term of References of RC LACE Management Group and acts under the responsibility of Programme Manager.

2. Main activities

This is working plan of the RC LACE ALADIN System Coordinator (ASC) activities for year 2017. Please note that schedule and priority can be adapted by LSC request. The ASC main planned activities are:

- the common phasing of the ALADIN code at CNRM/Météo-France Toulouse
- technical actions related with new export version of the ALADIN code
- technical actions related with HARMONIE Verification Scripting System
- development and maintenance of the RC LACE web site and Forum
- technical support related with code implementation

Action/Subject: Phasing of common ALADIN cy44 cycle

Description and objectives: The main objective is to create/validate new cycle of ALADIN code cy44 based on contributions from CY43T2 and cycle CY43R3 from ECMWF. The action is organized by CNRM/Météo-France in period November 2016/February 2017.

The whole ASC phasing action has been divided to 4 weeks stay at CNRM/Météo-France (9th – 21th January/ 5th - 17th February 2017) and there is planned additional local phasing in period 4 weeks.

The next interim cycle CY44T1 is planned for April/June 2017.

Proposed contributors & Estimated efforts: ASC, 2.0 PM

Planned timeframe and deliverable: January-March 2017

Action/Subject: Phasing of common ALADIN cy45t1 cycle

Description and objectives: The main objective is to create/validate new cycle of ALADIN code cy45t1. Is expected that the action will be organized by CNRM/Météo-France in winter period 2017. The whole ASC phasing action has been divided to 2 weeks stay at CNRM/Météo-France and additional local phasing in period 2 weeks.

Proposed contributors & Estimated efforts: ASC, 1.0 PM

Planned timeframe and deliverable: autumn 2017

Action/Subject: Phasing of common ALADIN cy46 cycle

Description and objectives: The main objective is to create/validate new cycle of ALADIN code cy46. Is expected that the action will be organized by CNRM/Météo-France in winter period 2017. The whole ASC phasing action has been divided to 2 weeks stay at CNRM/Météo-France and additional local phasing in period 2 weeks.

Proposed contributors & Estimated efforts: ASC, 1.0 PM

Planned timeframe and deliverable: winter 2017

Action/Subject/Deliverable: Technical preparation of the export version cycle cy43t2 and support during implementation on others platforms/compilers.

Description and objectives: The main objective is preparation testing line for expected export version cy43t2 and validation of the model part for the LACE community.

Proposed contributors & Estimated efforts: ASC, 1.5 PM

Planned timeframe and deliverable: 2017

Action/Subject: Administration and Maintenance of the RC LACE Web site, RC LACE Forum and RC LACE Verification site.

Description and objectives: Maintenance of the operational products, system support, administration of the RCLACE Forum and production common verification scores from LACE operational model outputs.

Proposed contributors & Estimated efforts: ASC, 0.5 PM

Planned timeframe and deliverable: continuous work

3. Summary of resources

There is the summary of the planned RC LACE ASC activities for 2017.

Subject	Manpower	LACE stays
ALADIN phasing	4.0 PM	2.0 PM
Technical implementation of the cy43t2	1.5 PM	
RC LACE Web site	0.5 PM	
Total:	6.0 PM	2.0 PM

4. Meetings and events

- 1) 27th ALADIN Workshop and & HIRLAM All Staff Meeting 2017
- 2) 28 LSC Meeting
- 3) 29 LSC Meeting
- 4) EWGLAM 2017

- 5) Phasing stay – cy44 - 9th – 21th January 2017, Météo-France
- 6) Phasing stay – cy44 - 5th - 17th February 2017, Météo-France
- 7) Phasing stay – cy45t1 - autumn 2017, Météo-France
- 8) Phasing stay – cy46 – winter 2017, Météo-France