

## TRAINING ISSUES

### Training : 2004 - 2005

#### Joint ALADIN-HIRLAM training courses in 2004

- NH dynamics and use of ALADIN  
*Toulouse, March 15-19*  
*17 students*  
*on-line lectures available*  
<http://www.cnrm.meteo.fr/aladin/meetings/NHtraining.html>
  
- Use of ALADIN  
*Copenhagen, July 5-9*  
*6 students*  
*implementation of gmckpack and cycle 26T1 at ECMWF on the shared "hircald" supergroup*
  
- Physics-dynamics interface  
*Prague, November 22-26*  
*~ 30 students*  
*training & specification of the new generalized interface*

#### Joint ALADIN – HIRLAM training courses in 2005 : when ?

phasing all along the first 9 months ...

ALADIN & HIRLAM & SRNWP & ... workshops in 2005 : many meetings scheduled !

#### **HIRLAM-ALADIN mini-workshop on convection and clouds**

*January 24-26, 2005 - Tartu, Estonia*

#### **HIRLAM All Staff Meeting**

*March 14-16, 2005 - Dublin, Ireland*

#### **SRNWP workshop on Short-Range Ensemble Prediction Systems**

*April 7-8, 2005 - Bologna, Italy*

#### **WMO symposium on data assimilation**

*April 18-22, 2005 - Prague, Czech R.*

#### **15th ALADIN workshop**

*May 2-6, 2005 - Bratislava, Slovakia*

#### **MAP meeting**

*May 23-27, 2005 - Zadar, Croatia*

#### **SRNWP workshop on Statistical and Physical Adaptations**

*Beginning of June, 2005 - Vienna, Austria*

#### **HIRLAM workshop on meso-scale modelling (physics mainly ?)**

*September 2005 - Norway*

#### **27th EWGLAM & 12th SRNWP Meetings**

3-6 October, 2005 – Ljubljana, Slovenia

**SRNWP workshop on Nonhydrostatic Modelling**

31 October - 2 November, 2005 - Bad Orb, Germany

**10th Assembly of ALADIN partners**

December ? 2005 - Bratislava, Slovakia

→ October 21, 2005 (decided in Split)

**+ HIRLAM-ALADIN working week on variational data assimilation ?**

Where to find a free slot between workshops and phasing ?

Joint ALADIN – HIRLAM training courses in 2005 : which ?

Proposed topics and potential hosts :

*NH dynamics*

*Meso-NH physics*

*using the AROME prototype*

*code organization*

*Czech R.*

*Slovenia, Norway, ?*

*Romania*

*?*

+ 2 HIRLAM-ALADIN mini-workshops

Expressed needs (from ALADIN teams)

Team	NH dynamics	Meso-NH physics	Prototype	Maintenance
<b>Au</b>	<b>3</b>	<b>1.5</b>	<b>1.5</b>	<b>4</b>
<b>Be</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>
<i>Bu</i>	3.5	1.5	3.5	1.5
<b>Cr</b>	<b>2</b>	<b>3.5</b>	<b>3.5</b>	<b>1</b>
<b>Cz</b>	<b>1</b>	<b>2.5</b>	<b>4</b>	<b>2.5</b>
<i>Fr</i>	3.5	1.5	1.5	3.5
<b>Hu</b>	<b>3</b>	<b>1.5</b>	<b>1.5</b>	<b>4</b>
<b>Ma</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>2</b>
<b>Pl</b>	<b>3.5</b>	<b>1.5</b>	<b>1.5</b>	<b>3.5</b>
<b>Pt</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Ro</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Si</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>
<b>Sk</b>	<b>1</b>	<b>4</b>	<b>2.5</b>	<b>2.5</b>
Tu				
	3.0	2.1	2.0	3

(for France and Bulgaria, only part of the team answered)

There is clearly a consensus for training on both Meso-NH physics and the AROME prototype.

## TRAINING : 2005 – 2009

### ⇒ Proposal for a SRNWP Research Training Network within the 6th FP of EC

#### Why ?

1. There is a permanent **need for specific NWP training**, covering a very large range of domains. Why not joining efforts ?
2. **Exchanges of PhD students between consortia** could be quite fruitful, allowing an enhanced confrontation of points of view and helping to harmonize tools, formats ...
3. All consortia have **similar research objectives** for the coming years, mainly going towards very high resolution. The required skill and **manpower** are available, but **spread among numerous teams**.
4. There are already **well established networks** within consortia, and to a less extent at the SRNWP scales. Besides networking is better suited for fine-scale limited-area modelling and short-range forecast than a highly centralized structure like ECMWF.
5. All this fits quite well the (revised) guidelines of **Marie Curie actions** within the 6th framework program.

#### When ?

- First deadline : December 2004, 2nd** → very soon !  
Second deadline : September 2005, 8th.  
Vote along the 2004 annual SRNWP meeting → **Trying both !**  
Starting end 2005 or in 2006 if successful ...

#### What must be prepared within December ?

Official agreement of directors

Finding a name

(HNWTNET, EUROPNET, ERTNET, ERONET, IDOMENEO, STORMNET, MARLENE, NWPT, TNWP, ...)

Choosing the scientific coordinators

Defining how many PhD students may be hosted by each partner, and when

Filling forms (project and partners identification)

Describing the project within 10 pages

#### Who ?

Austria , Belgium , Croatia , Czech Republic , Finland ,  
France , Germany , Hungary , Italy , The Netherlands ,  
Norway , Romania , Slovakia , Switzerland , United Kingdom

*up to now ...*

**Do the present concerned directors (or they delegates) agree ? → YES !**