

**C**ritical  
**A**ssessment of available  
**R**adar  
**P**recipitation  
**E**stimation techniques and  
  
**D**evelopment of  
**I**nnovative approaches for  
**E**nvironmental  
**M**anagement

Contract N° EVG1-CT-2001-0045

2<sup>nd</sup> Meeting

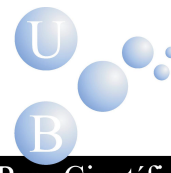
University of Barcelona  
Department of Astronomy and Meteorology

Parc Científic de Barcelona  
12<sup>th</sup> and 13<sup>th</sup> June 2002

## AGENDA



UNIVERSITAT DE BARCELONA



Parc Científic  
de Barcelona

# Information for Participants

## Meeting place:

- 1- Parc Científic de Barcelona  
Baldiri Reixac, 4-6, Torre D  
08028 Barcelona  
Tel: +34 934034509

## How to get here:

Hotels 2,3 and 4 are about 15 minutes walking distance from the Parc Científic. Hotels 3 and 4 are close to the underground (metro) stop Maria Cristina (L3 – green line), and hotel 2 near the Les Corts stop (L3 – green line). The exits are marked by red boxes with a letter “M” (see big map). The underground stop nearest the Parc Científic is Palau Reial (L3 – green line). You have to go out through the first exit on the left. Currently there are several construction works in the area, so you are advised to follow the blue line on the map below to reach the meeting place.



## Accommodation:

- 2- Hotel NH Rallye (\*\*\*) Travessera de les Corts, 150-152 08028 Barcelona  
Tel: +34 933399050 Fax: +34 934110790  
Web page: <http://www.nh-hoteles.es/busquedas/detallehotel.jsp?IDHotel=12>  
Single/double room: 113 e + 12 e breakfast (buffet) (To get these rates you must state that you are coming for a meeting at the Scientific Park)
- 3- Hotel Bonanova Park (\*\*)  
Capitán Arenas, 51  
08034 Barcelona  
Tel: +34 932040900  
Fax: +34 932045014  
Web page: <http://www.husa.es/eng/hotel/ficha.hotel.php?h=24>  
Single room: 78,70 e (breakfast included)

- 4- Hotel Arenas (\*\*\*\*)  
Capitán Arenas, 20  
Barcelona 08034  
Tel: +34 932800303  
Fax: +34 932803392  
E-mail: [hotelarenas@husa.es](mailto:hotelarenas@husa.es)  
Web Page: <http://www.husa.es/eng/hotel/ficha.hotel.php?h=136>  
Single room: 99 e (breakfast included)  
Double room: 111 e (breakfast included)  
Mention that you are attending a meeting at the University of Barcelona
- 5- Hotel Europark (\*\*\*)  
Aragó, 325  
08009 Barcelona  
Tel: +34 934579205  
Fax: +34 934589961  
E-mail: [reservas@hoteleuropark.com](mailto:reservas@hoteleuropark.com)  
Web page: <http://www.hoteleuropark.com/>  
Single room: 85 e + 8 e breakfast  
Double room: 114 e + 8 e breakfast  
(Near downtown Barcelona, this hotel falls outside the map area)

#### **Connection to / from airport:**

A taxi ride from the airport to either the meeting place or the hotels listed above may cost about 15 euros.

There is also a train line that runs every half hour (from 6:13 to 23:40) from the airport to the central station (Barcelona-Sants). Buy a single ticket (2.16 euros, discounts are not applicable) and take the first train. There are 3 stops from the airport to BCN-Sants: (airport - El Prat de Llobregat - Bellvitge - Barcelona Sants) and the travel time is about 20 minutes.

After getting off the train (usually in platform 2), take the closest escalator to reach the main lobby. You'll have to cancel your ticket again to exit the transit area and proceed to the underground station (Sants-estació), whose entrance is just 20 meters in front of the point you have cancelled the train ticket. Buy a single underground ticket (it costs 1 euro, but if you plan to take the underground more than 5 times during your stay in Barcelona, you should then consider acquiring the T-10 card which costs 5.6 euros for 10 trips). Cancel the ticket when required and follow the directions to line 3 (green signs) towards Zona Universitària if you are going to destinations 1 to 4, or line 5 (blue signs) towards Horta, if you are heading to destination 5.

Finally, from Sants-Estació to airport the first train leaves at 5:43 and the last at 22:16, usually from platform 1.

For more information, you may contact Bernat by e-mail. In case you need further assistance once in Barcelona, feel free to call him at +34 607289256.

#### **Useful links:**

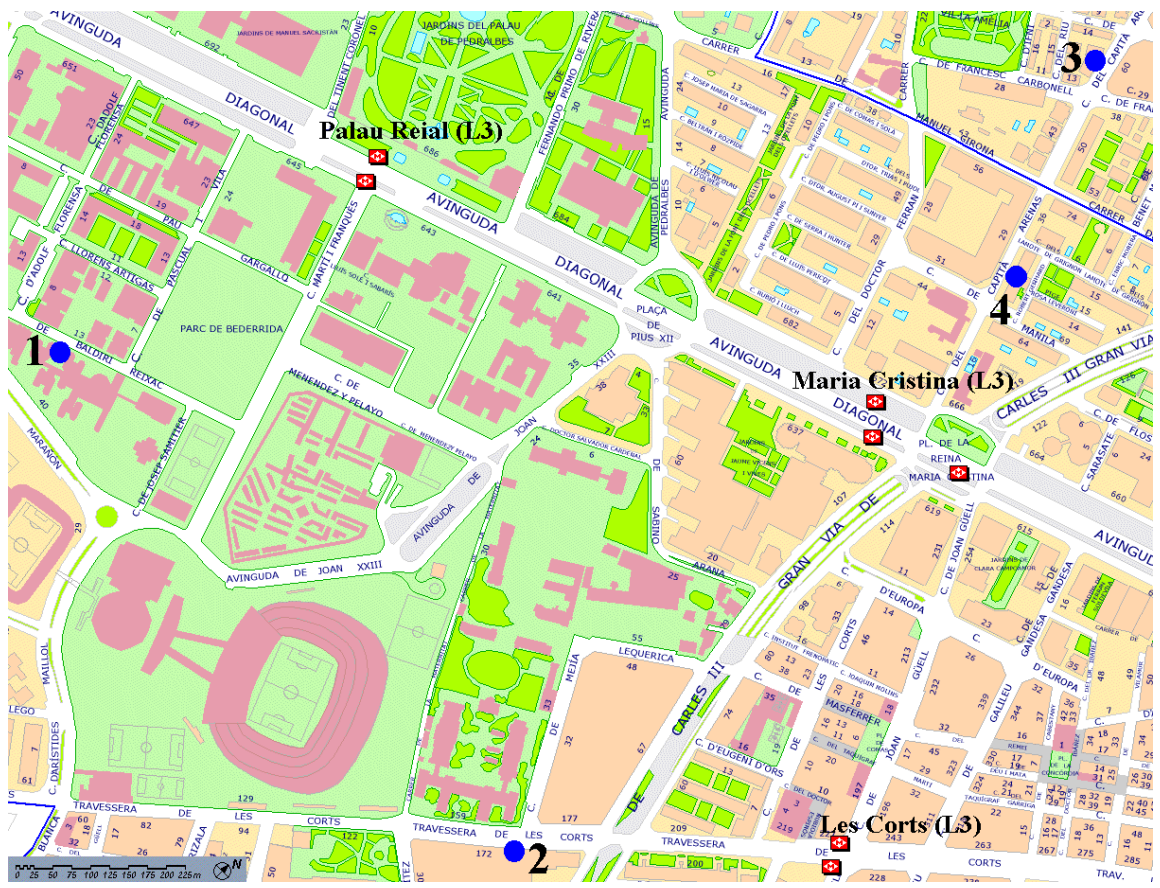
Barcelona city map: <http://www.bcn.es/guia/welcomea.htm>.

Public transportation: <http://www.tmb.net/eng/home.htm>.

All this information can also be found on the "Partners only" section of the CARPE DIEM web page: <http://carpediem.ub.es/> (login: carpediem, password: NWP-radar)

#### **Facilities at the meeting point:**

- ◆ Overhead projector.
- ◆ PC projector.
- ◆ Internet connection.



1

Palau Reial (L3)

2


Maria Cristina (L3)

4

3

Les Corts (L3)

# 12 June 2002

12:15 - 12:45	Optional visit to the Catalan Weather Service (details in a later mail)	Sergi Paricio (head) and Joan Bech
13:00 – 14:15	Lunch for those attending the visit (restaurant Faculty of Physics; 9 euros/meal)	

14:15 - 14:45	Welcome address	Pier Paolo Alberoni ARPA - SMR
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**WP1 – Project Management chair by Pier Paolo Alberoni – FIRST SESSION**

14:45 – 15:45	Review of Technical Steering Committee report (Del. 1.3) Presentation of Cluster activity – CLUFF Presentation of Accompanying Measure – ACTIF Discussion about VI F.P. : RAINCLOUDS FOREFRONT	Pier Paolo Alberoni ARPA – SMR All CARPE DIEM partners
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15:45 – 16:15	Coffee Break	
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**AREA 1 – Data assimilation and NWP improvements chair by Nils Gustafsson**

WP 2 EXTRACTION OF INFORMATION FROM DOPPLER WINDS		
16:15 – 16:35	Definition of Super Observation	SMHI ARPA-SMR
16:35 – 17:05	Dual Doppler wind reconstruction	UESSEX
WP 3 DATA ASSIMILATION		
17:05 – 17:25	Status of activities	SMHI FMI UBARCELONA
WP 5 ASSESSMENT OF IMPROVEMENTS IN NWP		
17:25 – 17:45	Status of activities MAP cases	ARPA SMR ISAC-CNR
17:45 – 18:15	Discussion among partners	

20:15	DINNER (Downtown Barcelona. Restaurant to be determined. Looking for something about 20-25 euros per person)	
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# 13 June 2002

<b>AREA 2 – Improve radar products by using NWP results</b> chair by Madhu Chandra		
WP 6 ANOMALOUS PROPAGATION		
09:00 – 09:30	Status of activities	UESSEX UBARCELONA
WP 7 ADVANCED SURFACE RADAR-BASED RAINFALL ESTIMATE		
09:30 – 10:00	Status of activities	FMI
WP 8 USE OF POLARIMETRIC RADAR DATA FOR IMPROVING THE RADAR RAIN ESTIMATES		
10:00 – 10:30	Status of activities Critical review of present state of the art multi-polarisation rainfall estimation techniques (Del. 8.1)	UESSEX DLR
10:30 – 11:00	Discussion among partners	
11:00 – 11:30	Coffee Break	
<b>WP1 – Project Management</b> chair by Pier Paolo Alberoni – SECOND SESSION		
11:30 – 12:00	Administrative matters TIP presentation	Pier Paolo Alberoni ARPA – SMR All CARPE DIEM partners
<b>WP12 – Project Results Dissemination</b> chair by Bernat Codina		
12:00 – 12:30	Discussion on WEB site (Del. 12.1) Status of Dissemination activities	All CARPE DIEM partners
12:30 – 14:00	Lunch break at Club Esportiu Laietà (5 minutes walking time , 10 euros per person)	
<b>WP12 – END-USERS' Level-Of Service Requirements</b> chair by Michael Bruen		
14:00 – 16:30	Status of activities Definition of END-USERS list Basic End-Users requirements (Del. 11.1)	NUID
16:30 – 17:00	Discussion	All CARPE DIEM partners
17:00 (aprox.)	End of meeting	