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**Results and Perspectives in Particle Physics**

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**BULLETIN n. 1**

Les Rencontres de Physique de la Vallée d'Aoste will again be held next year at the

*Planibel Hotel, La Thuile, Aosta Valley (Italy)*  
*February 27 to March 5, 2005*

The Rencontres will bring together about 120 active experimentalists and theorists to review the present status and the future prospects in elementary particle physics. The programme will mainly include review talks followed by extensive discussions; some time will also be available for shorter contributions on new results. This formula is chosen in order to allow for thorough exposure of what is presently known and of the foreseeable progress in the field, as well as for a critical assessment of future goals.

The 2005 program will cover topics in

- Cosmology and Astroparticle Physics
- Search for Gravitational Waves
- Neutrino Physics
- Heavy Flavor Physics
- CP Violation and Rare Decays
- Standard Model tests and Searches for Physics Beyond the Standard Model
- Physics and Accelerators Beyond the LHC
- Energy Supply Problem of the Modern Society

The traditional session on Physics and Society will be devoted to a discussion of the problem of energy sources, from solar energy to perspectives in fusion.

In addition, a special session (Round Table) will be devoted to discuss a topic of wide interest.

Talks will be conducted in half day session, from 8.30 to 11.30 a.m. and from 4.30 to 7.30 p.m. Mid-day hours will be free for rest, sport and informal discussions. A number of workstations and connections to the Internet will be available at the Hotel.

La Thuile is a beautiful mountain village located 1450 m a.s.l., 20 Km from Mont Blanc, at the bottom of a vast skiing area. The village can best be reached from the north by road through the Mont Blanc Tunnel. The Planibel Hotel is an outstanding complex for winter sports and congresses, featuring several entertainment and sports facilities (indoor swimming pool, squash courts, gymnasium, sauna) that will be available for free to the participants. The main telepherique for skiing sites leaves from the Hotel basement. Thanks to the support of the Regional Government of the Aosta Valley, the accommodation cost is rather modest, in particular for companions and families.

Participation will be by invitation only. However, physicists who do not receive an invitation may apply to the Conference Organizers.

Young physicists are encouraged to apply.

# GENERAL INFORMATION

## 1. HOTEL ACCOMMODATION

The daily rates (full board; reductions will be applied for fractions of days) at the Planibel Hotel will be as follows:

Single room	101€/person/day
Double room, two persons	89 €/person/day
Children between 3 and 6	50% discount
Children between 6 and 10	25% discount
Children under 3 years	Free

The Hotel will accept attendance of the Conference for a period shorter than the whole week. While the reservation should be made through the Conference Secretariat, the Hotel bill shall be paid directly at the Hotel upon departure. In a very limited number of cases it might be possible, but not granted, to accommodate participants wishing to extend their period of stay beyond the end of the Rencontres.

Every effort will be made to provide accommodation in a single room for those who request it. This, however, cannot be guaranteed. As a provision for this case, participants are kindly requested to indicate the name of a preferred room partner.

The desired period of stay should be indicated on the registration form. Registered participants will receive confirmation of arrangements made for them.

## 2. CONFERENCE FEE

The Conference fee for participants will be **350 € (Euro)**. Other major currencies will also be accepted.

**Credit cards cannot be accepted.**

The fee is payable before the Conference at the UBS (Union de Banque Suisse), CERN Branch, Account C7-108.024.0, or at La Thuile upon registration. The exchange rate with respect to the Euro will be the one on the date of the money transfer (if done before the Conference) or the one at registration. The Conference fee will cover the cost of a copy of the proceedings and of all social events. The fees will be reduced by 50% for participants spending not more than two nights at the Hotel.

Copies of transparencies shown at the Conference will be available on the web at the end of the Conference.

## 3. TRANSPORTATION

Participants are expected to reach La Thuile by private car or by the Conference buses connecting Geneva (CERN and airport) and Milano (Malpensa Airport) to La Thuile. The Organizers will do their best to help people needing special travel arrangements.

Those people travelling by car are advised to take snow chains with them. Private cars will be parked in the Hotel basement, free of charge. Participants travelling by bus from CERN to La Thuile are informed that the buses will leave from the PIO VISITORS CAR PARK close to

the COOP Cafeteria in the Main Building at 13.30 on February 29<sup>th</sup>. The bus will stop at Geneva Airport. Reservation for pick-ups at a bus stop should be made when filling the registration form on the web.

The approximate time schedule to and from La Thuile will be as follows:

- **Upon arrival Sunday, February 27<sup>th</sup>**

10:00      Bus Number 1, departure from Milano-Malpensa Airport to La Thuile  
 12:30      Bus Number 2, departure from Milano-Malpensa Airport to La Thuile  
 13.30      Bus departure from CERN to Geneva Airport  
 14.00      Bus departure from Geneva Airport to the Planibel Hotel at La Thuile

- **Upon departure Saturday, March 5<sup>th</sup>**

14.30      Bus departure from the Planibel Hotel to Geneva Airport and to CERN  
 TBA        Bus departure from the Planibel Hotel to Milano-Malpensa Airport

The journey to/from Geneva will take about three hours and to/from Milano Malpensa about two and a half hours.

#### 4. DAILY PROGRAMME (February 27 to March 5<sup>th</sup>)

07.30 - 08.30	Breakfast
<b>08.30 - 11.30</b>	<b>Morning Session</b>
12.30 - 14.00	Lunch at the Hotel (*)
16.00 - 16.30	Coffee Break
<b>16.30 - 19.30</b>	<b>Afternoon Session (**)</b>
20.00	Dinner at the Hotel

(\*) As an alternative, guests may choose to have a limited lunch at the Restaurant "Les Suches", located at the top of the telecabine departing from the Planibel Hotel. Daily lunch coupons should be requested at the Hotel restaurant at breakfast time.

(\*\*) On Saturday March 5<sup>th</sup> there will be no afternoon Session.

#### 5. SOCIAL PROGRAMME

Sunday, February 27 <sup>th</sup>	Free drinks at the bar from 18.00 to 20.00
Monday, February 28 <sup>th</sup>	Welcome Cocktail offered by the La Thuile Tourist Office
Wednesday, March 2 <sup>nd</sup>	Banquet
Thursday, March 3 <sup>rd</sup>	Chamber Music Concert

## **6. SKI PASSES**

Ski passes will be sold at a reduced rate to the participants of the Rencontres. The Conference Secretariat will issue the required certificates. No photograph will be necessary.

## **7. COMPUTER LINKS AND CONFERENCE REPORTS**

Terminals connecting the Rencontre to the Internet will be available, free of charge, at the Planibel Hotel. Those willing to use this facility are advised to gather accurate information on how to access computers at their Institution, in particular the TCP/IP access number.

Speakers are requested to make their computer presentations available on portable storage to be adapted to the conference computer. An overhead transparent slide projector will also be available.

## **8. PROCEEDINGS OF LA THUILE 2004**

Please note that the proceedings of the 2004 La Thuile Rencontres "Results and Perspectives in Particle Physics" will soon appear in print as a publication of INFN, Laboratori Nazionali di Frascati.

>>> **Conference World Wide Website** <<<

[http://www.pi.infn.it/lathuile/lathuile\\_2005.html](http://www.pi.infn.it/lathuile/lathuile_2005.html)