



LES RENCONTRES DE PHYSIQUE
DE LA VALLEE D'AOSTE
Results and Perspectives in Particle Physics

*La Thuile, Aosta Valley (Italy)
February 24 - March 2, 2013*



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 24 - March 2, 2013

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 program will include review talks followed by extensive discussions. Some time will also be available for shorter contributions on new results. This format 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 prospects of building a new accelerator for studying with high precision the recently discovered Higgs-like particle will be discussed in a Round Table on "Which Higgs Factory?".

The program will include extensive presentations of the LHC results. The following topics will be covered:

- Cosmology and Astroparticle Physics
- Dark Matter and Dark Energy Searches
- Neutrino Physics
- Electroweak and QCD Physics
- Top Quark Physics
- Beauty and Charm Physics, CP Violation and Rare Decays
- The Higgs Boson, and searches for Physics Beyond the Standard Model

The Sessions will be half day long, 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 1450m a.s.l., 20 Km from Mont Blanc, at the bottom of a vast skiing area. Communication to La Thuile is best by road. From north, the village can be reached from France through the Mont Blanc tunnel. From south, by exiting the Aosta-Mont Blanc highway at Morgex.

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 cable-car to skiing sites leaves from the Hotel basement.

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.

A limited number of grants for young physicists are available.

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:

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|----------------------------|--------------------------|
| Single room | 113,00 € /day |
| Double room, two persons | 98,00 € /person/day |
| Children between 3 and 6 | 50% discount |
| Children between 6 and 10 | 25% discount |
| Children under 3 years | Free |
| Local (sojourn) tax | €1,00/ person/day |

NEW→

The Hotel will accept attendance to 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 to the Hotel. In a limited number of cases it might be possible 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. However, this 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 **430 €**. Other major currencies will also be accepted. There will be no fees for companions.

Credit cards cannot be accepted.

The fee is payable before the Conference at the following bank account:

Banca Prossima
IBAN: IT24 M033 5901 6001 0000 0017 573
BIC: BCITITMX

in the name of: **Associazione Rencontres de Physique de La Vallee d'Aoste**

Ref: La Thuile 2013, fee of (participant's name).

For fee paid upon registration the Euro exchange rate of the previous day will be applied.

The Conference fee will cover the cost of a copy of the proceedings and of all social events. The fee will be reduced by 50% for participants spending not more than two nights at the Hotel.

3. TRANSPORTATION

Participants are expected to reach La Thuile by private car or by the Conference buses connecting Geneva (CERN and airport) and Milan (Malpensa Airport) to La Thuile. However, participants are advised that in the past a number of route connection problems on the alpine sector have been experienced which made the connections with Geneva less easy and reliable than with Milan.

According to winter road rules in that mountain area, people traveling by car must carry snow chains on board. Private cars will be parked in the Hotel basement, free of charge.

CONFERENCE BUSES

We shall organize two conference buses connecting, free of charge, Geneva (CERN and Cointrin Airport) and Milano (Malpensa Airport) round trip to the conference.

On Sunday February 24, the buses time schedule to La Thuile will be as follows:

13:30 Bus departure from Milan Malpensa Airport to La Thuile
The meeting point is between exits A and B of Terminal 1 (Lower level)

13.30 Bus departure from CERN to Geneva Airport
The meeting point is between building 33 (reception) and entrance B

14.00 Bus departure from Geneva Airport to the Planibel Hotel at La Thuile
The meeting point is at the arrival gate exit

Departure from La Thuile on Saturday March 2

13:30 Bus departure from the Planibel Hotel to Geneva Airport and to CERN

13:30 Bus departure from the Planibel Hotel to Milan Malpensa Airport

THIS IS IMPORTANT: reservation for pick-ups at a bus stop should be made when filling the registration form on the web.

Participants using the conference bus upon arrival are asked to be on time or to inform timely the conference secretariat in case of unexpected problems. There will be a hostess on each bus with the list of scheduled passengers, to be sure that nobody is left behind.

The journey will take about three hours to/from Geneva and about two and a half hours to/from Milano Malpensa. The Organizers will do their best to help people in need of special travel arrangements.

4. DAILY PROGRAMME

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

(*) Guests may choose to have a simple lunch at selected restaurants located at the top of the cable-car departing from the Planibel Hotel. Daily lunch coupons should be requested at the Hotel restaurant at breakfast time.

(**) On Saturday March 2 there will be no afternoon Session.

5. SOCIAL PROGRAMME

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| Sunday, February 24 , 6 to 8 p.m. | Free drinks at the bar |
| Monday, February 25 , 7 p.m. | Welcome Cocktail offered by the La Thuile Tourist Office |
| Wednesday, February 27 , 8.30 p.m. | Banquet |

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. ORAL PRESENTATIONS AND INTERNET LINKS

Terminals connecting the Rencontres to the Internet will be available, free of charge, at the Planibel Hotel.

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

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

Speakers are warmly recommended to submit within May 31, 2013 to the Secretary of the Rencontres the written text of their contribution, to be published in the conference proceedings.

8. PROCEEDINGS OF LA THUILE 2012

Proceedings will be published, both in print and in electronic version, as an issue of Nuovo Cimento C, the journal of the Italian Physical Society associated to the European Physical Journal: <http://www.sif.it/SIF/it/portal/riviste/ncb>

>>> Conference World Wide Website <<<

http://www.pi.infn.it/lathuile/lathuile_2013.html