

X FRASCATI SPRING SCHOOL
"Bruno Touschek"
in Nuclear
Subnuclear and Astroparticle Physics

May 16-20, 2005
Laboratori Nazionali di Frascati - INFN
Frascati (Rome) - Italy

1. Place and date

The X Spring School "Bruno Touschek" will take place at the INFN National Laboratories in Frascati, Italy, from 16th to 20th of May 2005. The Laboratories are located 30 Km South East of Rome, amid vineyards and olive groves, 3 Km downhill from the small town of Frascati, a characteristic old town spread on the hills leading to ancient Tusculum, with a beautiful view on the city of Rome.

The School is directed to graduate students, postgraduate and postdoctoral fellows and will be devoted to problems of present interest in the field of elementary particle physics and connected to the activities of the INFN Laboratories.

2. Preliminary Program

Main Lectures:

G. Altarelli, CERN and U. Roma Tre, "Neutrinos in 2005"
S. Eidelman, Novosibirsk, "The muon anomalous magnetic moment"
R. Jaffe, MIT, "Theoretical overview of multiquark states"
A. Palano, U. Bari, "New spectroscopy from charm and beauty decays"
A. Riotto, INFN Padova, "Cosmology scenarios and particle physics"
R. Tschirhart, FNAL, "Present status and future prospects in Kaon physics"

Seminars :

N. Cabibbo, U. Roma La Sapienza
J. Lee-Franzini, INFN Frascati
L. Maiani, U. Roma La Sapienza
M. Pennington, U. Durham

Preliminary schedule

Monday 16th

Morning: R.Jaffe, A. Palano

Afternoon: S.Eidelman, *Historical Lecture*

Tuesday 17th

Morning: A.Palano, R. Jaffe

Afternoon: S. Eidelman, *talks by young participants (*)*

Wednesday 18th

Morning: R. Tschirhart, A. Riotto

Afternoon: *Excursion*

Thursday 19th

Morning: R.Tschirhart, A. Riotto

Afternoon: G. Altarelli *talks by young participants (*)*

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Friday 20th

Morning: G. Altarelli, *Seminars*

Afternoon: *Seminars, Panel discussion on “LNF Future Programs”*

(*) TALKS BY YOUNG PARTICIPANTS

The School program includes also talks by young participants. Talks must be submitted before April 30 through the registration page.

3. Conference Information

Train schedules, maps and further information can be obtained from the School web site:

<http://www.lnf.infn.it/conference/lnfss/>

Computing

In addition to ordinary computing facilities, open wireless connection will be available.

Conference fee

Three registration fees are possible:

- Registration to the School + accommodation in single room at Villa Mercedes: **400 EUR**
- Registration to the School + accommodation in double room at Villa Mercedes: **300 EUR**
- Registration to the School without accommodation: **100 EUR**

The conference fee is to be paid in cash upon arrival (checks and credit cards **cannot** be accepted). It will include a welcome party, lunches and coffee breaks for 5 days, excursion and conference dinner.

Registration

Interested participants are encouraged to register soon at the conference website. Because of high pressure of the tourist season in May, it may be difficult to secure hotel accommodations at later dates.

4. Accommodation

Participants will be housed at the Hotel Villa Mercedes (2km from LNF and Frascati). Rooms are booked from 15th to 21st of May. From Monday to Friday, there will be transportation to and from the Lab to the Villa Mercedes every morning and in the evening, at the end of sessions.

Other bookings in the Frascati area or in Rome can be done by participants themselves or, upon request, by the secretariat. A list of hotels in Frascati, with their rates, can be found at the web site of LNF.

Airplane connections

From Leonardo da Vinci airport in Fiumicino (FCO), you can reach LNF either by train or by car. The fastest way is to take a taxi, which will take you to LNF in about 40 minutes. Taxis are available at the airport or could be reserved from the secretariat upon request. If you plan to rent a car, instructions to reach LNF can be found on the laboratory web page <http://www.lnf.infn.it/>.

Train connections

From Fiumicino airport you can reach Frascati through **Rome Termini** railroad station. Trains for Termini leave the airport every half an hour, starting at 6:37 and up to 23:37. Once in Termini station you can reach the **town of Frascati**, using the Rome-Frascati line. From Frascati train station Villa Mercedes and most of the hotels can be reached on foot or by a short taxi ride. Upon request, Hotel Villa Mercedes will provide transportation from the Frascati train station to the hotel.

If you wish to arrive **directly to LNF from Rome**, you can take the regional train Roma-Frosinone-Cassino and get off at Tor Vergata station. Beware that not all the trains stop in Tor Vergata. Check this before boarding (see also the Spring School Web Page, “How to reach the LNF”). Upon exiting the station in Tor Vergata, the laboratories are located 200 meters uphill, on the left hand side along Via Enrico Fermi (state your name at the interphone at the small green gate). Please notice that the Lab is not close to the hotels.

5. Local Organizing Committee and Secretariat

The Local Organizing Committee consists of M. Antonelli, F. Anulli, G. Capon, F. Ceradini, E. De Sanctis, R. de Sangro, F.L. Fabbri, G. Isidori, F. Mescia, E. Nardi, G. Pancheri, I. Peruzzi. Members of the Committee can be reached through the conference e-mail address: school@lnf.infn.it.

The School secretaries are Maddalena Legramante, Angela Mantella and Alessio Pelagalli. Before the conference, they can be reached by phone at 0039-06-94032791 or 43 or 40.