

October 9<sup>th</sup>, 2015

## Bulletin

**EDIT - Excellence in Detectors and Instrumentation Technologies** - is an International School devoted to young researchers, in their graduate studies or in their first year as post docs, seeking to acquire a deeper knowledge on the major aspects of detectors and instrumentation technologies. The school program foresees plenary lectures on general subjects in the morning, and laboratory experimental activities in the afternoon. The 2015 edition is taking place at the INFN Frascati National Laboratory (LNF) premises from October the 20<sup>th</sup> to the 29<sup>th</sup>.

In the following, all practical information for the participants are given.

### Registration

Registration will start on October the 19<sup>th</sup> at the School Secretariat Desk (LNF, Building n. 36, Room T-75). The Secretariat Desk will be opened from 15:00 to 18:00, and afterward during the all school duration.

### Morning Lessons

All participants will follow morning lessons of general interest on particle detector's techniques and related topics. The lectures will take place in the Bruno Touschek Auditorium, located on the ground floor of Building. n. 36, from 9:00 to 13:30. A coffee break will take place at 11:00 in the hall just outside the Auditorium.

### Laboratory courses

In the afternoon from 15:00 to 19:00 approximately, the participants, divided in small groups of 6/7 people, will participate in laboratory courses taking place at different premises of the LNF site. Detailed instruction to reach each laboratory will be given to each participant.

### Safety training

On October the 20<sup>th</sup> at 14:30 in the Bruno Touschek Auditorium, all participants will attend the projection of a safety instruction movie. At the end of the projection a questionnaire on safety matters will have to be filled up. A positive outcome of the questionnaire is mandatory to access the laboratory courses.



## Poster Session

A poster session where the participants will show their works is foreseen for October the 27<sup>th</sup> starting at 19:00. A jury, composed by tutors and teachers will proclaim the best poster. The authors are invited to stand beside the poster to illustrate its content.

Location: Posters will be exhibited in the entrance hall of the Bruno Touschek Auditorium, where a light dinner will be also offered to all participants.

Format and installation: the recommended poster format is A0 (84x119 cm, 33.1x46.8 in, portrait). The necessary tools (tape, cutters, etc.) and help for installation will be provided by the local organization.

We invite presenters to bring the poster already printed (if necessary, there is a printing shop nearby). Posters should be installed on Monday afternoon 26<sup>th</sup>. The title and ID of your contribution will be indicated on top of each panel.

## Social Events

A welcome cocktail has been organized for the participants on Tuesday 20<sup>th</sup>, at 19:00 in the entrance hall of the Bruno Touschek Auditorium.

On Friday October the 23<sup>th</sup>, all participants are invited to a social dinner at the restaurant “Cantine Santa Benedetta” at Monte Porzio Catone. Bus transportation from/to Frascati will be provided.

On Saturday October the 24<sup>th</sup>, a visit to the Gran Sasso National Laboratory (LNGS) of INFN is organized. A bus will stop at 9:00 in front of Antica Colonia Hotel and in front of the main LNF entrance. Return is foreseen for 19:00.

On Tuesday October the 27<sup>th</sup> starting at 19:00 there will be a light dinner offered during the Poster Session. All participants are invited.

## Daily Program

Morning Sessions 09:00-13:30*	B. Touschek Auditorium Bldg. 36, ground floor. Detailed program on the school web page (see below).
Lunch h. 13:30	INFN Canteen
Afternoon Session 15:00 – 19:00	Different laboratory sites. All details are available on the school web page (see below).

*\*coffee breaks in the B. Touschek Auditorium hall at 11:00*

## Lunches

The INFN Canteen will be available for the school participants from Monday to Friday, h: 13:30- 14:30 (full meal 7 €, payment by cash only). Inside the LNF there is also a Cafeteria open from Monday to Friday, h. 7:30-15:00.

## Internet Access

Wireless network connectivity is available on all LNF site. INFN is partner of the EDUROAM networking system. Therefore, all participants whose home institutes are members of this worldwide roaming access, can easily connect to the Internet. The others must ask for credentials. They should submit a request before coming to Frascati, otherwise we cannot guarantee the internet access in short time. The request can be made by filling out a form available on the conference web site ([network access request](#)). Username and password will be sent via email.

## Students Accommodation

Participants are hosted in double or triple rooms at the Hotel Antica Colonia (Tel: 06 94018061 - 06 94298051, email: [info@hotelanticacolonia.it](mailto:info@hotelanticacolonia.it)), located at walking distance from LNF. A half-board arrangement has been agreed for them. The hotel staff can, upon request, pick up the participants at the Frascati or the Tor Vergata train station. The hotel provides free internet connection and a shuttle service to and from LNF in accordance with the school program.

## Travel Information

Participants traveling by plane may reach the Frascati Laboratories by **train** or by **taxi**, from the airports of Fiumicino and Ciampino (see also "How to get here").

## How to get here

Frascati is located 20 km south-east of Rome and about 40 km east of Fiumicino Airport (FCO). The LNF are about 2 km down hill from the center of Frascati.

## Traveling by airplane

- ***From Fiumicino Airport "Leonardo da Vinci" to Roma Termini central railway station:*** take the "Leonardo Express" train; the journey takes about 35 minutes; tickets are available at the Airport station and cost 14,00 Euro.
- ***From Ciampino Airport "Giovanni Battista Pastine" to the Ciampino railway station:*** take a bus, ATRAL; tickets cost 1,20 Euro.

From **Termini and Ciampino Railway Stations** take a train to **Frascati or Tor Vergata stations** (see below).

**Taxi** (licensed white cabs are strongly advised): from Fiumicino the distance is about 30 km and the taxi fare amounts to approximately 70,00 Euro. From Ciampino the taxi fare is approximately 40,00 Euro.

## Traveling by train/bus

- ***From "Roma Termini" to Frascati-LNF (Tor Vergata):*** take the train Roma-Cassino, or Roma-Frosinone, or Roma-Colleferro (FM6) and get off at "Tor Vergata" (second stop, close to LNF). The journey takes about 20 minutes. The LNF are at 350 mt up hill on E. Fermi Street. Tickets are available at tobacconist's shops and newspaper kiosks and cost 1,50 Euro.

- **From "Roma Termini" to Frascati downtown:** take the train Roma-Frascati (FM4). It stops about 2 km far from LNF and it is possible to take a taxi to LNF. Otherwise from "Roma Termini" take the Underground - "linea A" (tickets cost 1,50 Euro) to the "Anagnina Station", then a bus (COTRAL) to Frascati (nearly every 30 minutes). Train and/or bus tickets are available at tobacconist's shops and newspaper kiosks. The train ticket to Frascati cost 2,10 Euro.
- **From Ciampino Railway Station to Frascati:** you can take a train on both lines, to Tor Vergata (FM6) or to Frascati downtown (FM4). Tickets cost 1,10 Euro.

*Note: remember to validate your ticket before you get on the train.*

### **Traveling by car**

Take the ring highway "Grande Raccordo Anulare", Exit 21-22, then the state highway "Tuscolana" to Frascati. Turn left (via E. Fermi) at the traffic-light after Villa Mercede Hotel. The LNF are at about 1 km down hill.

### **Weather Condition**

October is generally a nice month in Rome, with temperatures ranging between 12 and 20 °C, but there is some possibility of rain.

Please note that the LNGS site, where we will have a trip on Saturday October the 24<sup>th</sup>, is located on the mountain nearby L'Aquila. There the temperatures will be cooler. Bring with you something warmer, and rain equipment.

**There is a bank and an ATM inside the LNF, building N. 33, ground floor.**

### **Contacts**

EDIT2015

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### **Useful numbers**

LNF emergency 5555

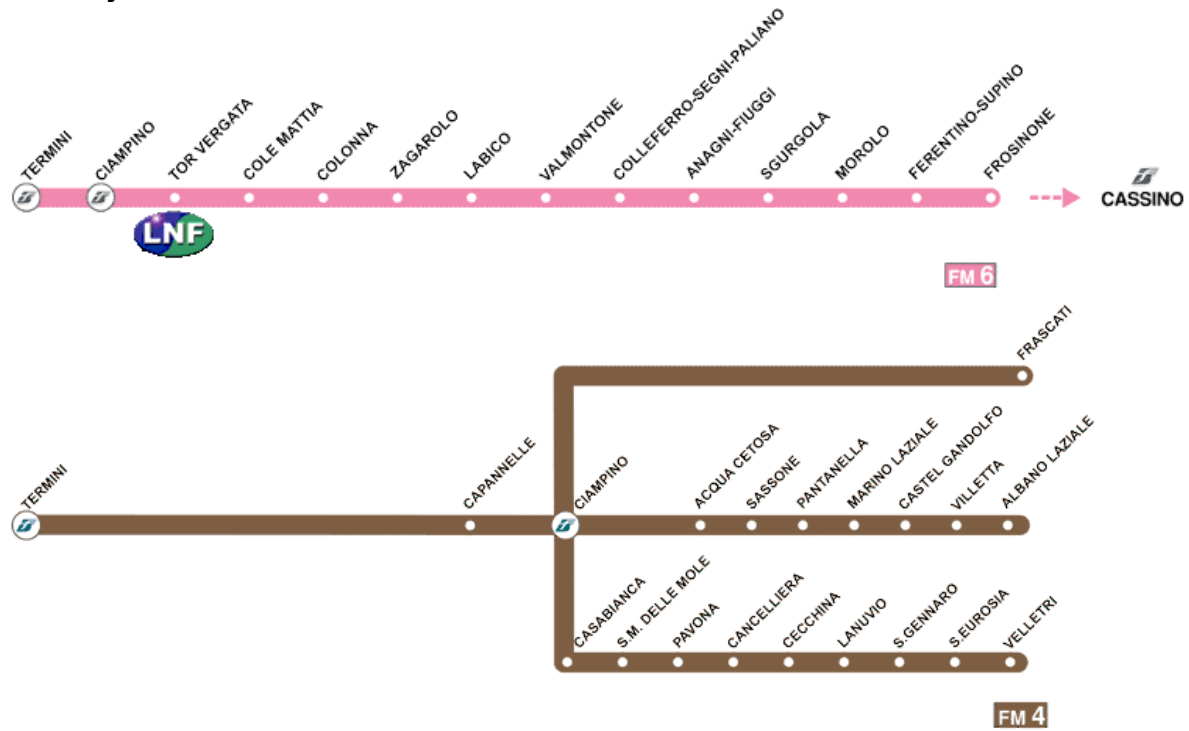
From LNF phones dial 0 to get external line:

*Emergency number (sanitary) 118*

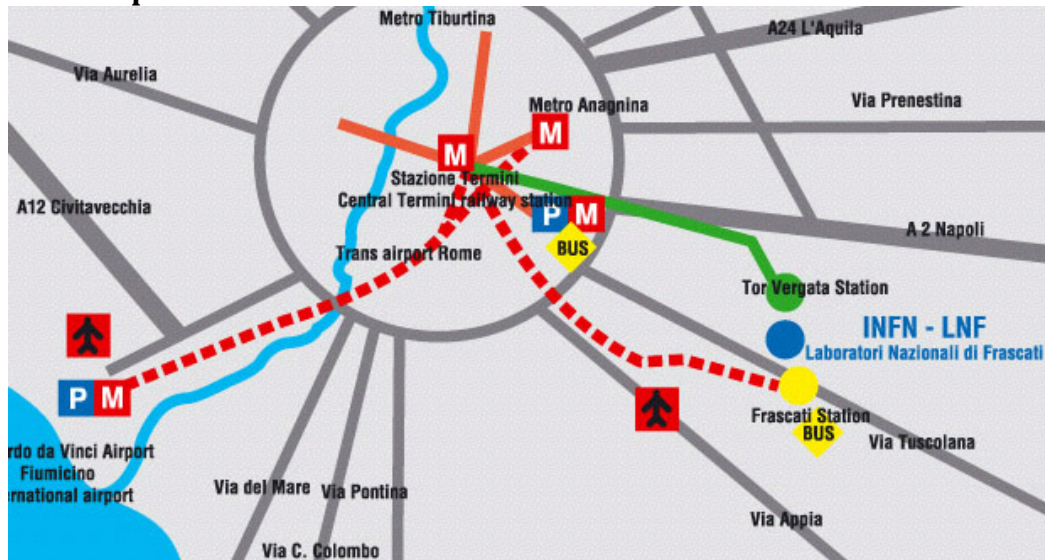
*Emergency number (public security) 112*

*Taxi Frascati 06 942 2500*

## Railway lines FM6 and FM4



## Area map





Frascati map





- Accelerator Laboratory **Bd. 2, 5b, 6, 6a**
- Calorimeter's Laboratory **Bd. 28, 22, 4**
- Gaseous detectors Laboratory **Bd. 8, 27, 54, 22**
- SiPMs readout and control with FPGA/SoC **Bd. 36**
- Solid-state detectors Laboratory **Bd. 22, 27**
- Space characterization of satellite laser ranging payloads **Bd. 8**
- Synchrotron Radiation Laboratory **Bd. 12, 13**
- Trigger and Data Acquisition Laboratory **Bd. 48**

- Auditorium B. Touschek **Bd. 36**
- Aula A1 **Bd. 36**
- Aula T73 **Bd. 36**
- Aula Master **Bd. 4**
- Aula Leale **Bd. 22**

