



FRONTIER DETECTORS FOR FRONTIER PHYSICS

Pisa 20 – 26, 2012 La Biodola, Isola d'Elba, Italy

BULLETIN n. 1

This is the first announcement of the 2012 Pisa Meeting on Instrumentation that will be held at

*La Biodola, Isola d'Elba, Italy
May 20-26, 2012*

This meeting is the twelfth of a series¹ initiated in Tirrenia in 1980 and continued in Castiglione della Pescaia and La Biodola devoted to advanced detectors for high energy and astroparticle physics experiments. The meeting is sponsored by the Istituto Nazionale di Fisica Nucleare (INFN), the Società Italiana di Fisica (SIF), the European Physical Society (EPS), the University of Pisa and the University of Siena.

Program

Aim of the meeting is to review the progress in detector technology with emphasis on applications in future experiments. The program will include sessions on

- New ideas on detection techniques
- Trends in tracking, calorimetry and particle identification
- Ground, sea and space based detector systems
- Detectors for astroparticle physics
- Detectors for fundamental physics and gravitational waves
- Neutrino detectors
- X-ray and photon detectors
- Front-end electronics and trigger systems
- DAQ and data management
- Techniques for simulations and data analysis
- HEP techniques in medicine, biology and other fields
- Research, industry and technology transfer

The meeting will be organized as a series of plenary half-day sessions, each addressing one or more specific topics of interest.

An exhibition of products by companies active in the field of the instrumentation for high energy physics will take place during the meeting.

A preliminary program, with session schedule and Conveners, will appear on the web site as soon as available.

Attendance and Registration

Attendance is limited to about 300 researchers. Participants are expected to attend the meeting for its full duration. Invited colleagues willing to participate should use the Internet Registration procedure available on the Conference web site.

The deadline for registration is February 29, 2012

¹ <http://www.pi.infn.it/pm/>

Contributions and abstracts

Contributions to the Conference will be either talks or posters. Part of the time is planned to be devoted to invited reviews of important topics. The average allocated time for oral presentations is expected to be 15-20 min. The Session Organizers will define the detailed program and will notify in due time the authors of the acceptance of their contributions. For each Conference Session a summary talk will present the relevant aspects of all the related posters. Researchers interested in contributing to the scientific program are invited to fill in the proper section of the Registration Form.

Companies are invited to submit contributions on innovative products or technologies.

Contributors to the Conference, for talks and poster as well, are requested to submit a brief abstract, *120 words or 15 lines maximum length*, by using the form available on the Conference web pages.

The deadline for abstracts submission is February 29, 2012

Contributors are expected to provide an electronic version of their presentation in a portable format (e.g. Postscript, Power Point or PDF). More details will be indicated in the next bulletin.

The Proceedings will be published as a special issue of Nuclear Instruments & Methods A. All the contributing authors are requested to prepare a paper and upload it on the appropriate conference web page. The format must follow the prescriptions of NIM-A.

Working hours

There will be two daily sessions, from 8.30 to 12.30 a.m. and from 4.00 to 7.30 p.m.

Conference fee

Conference fee is € **450,00** (EPS members € 400,00, students € 200,00). It includes cost of proceedings, two-way bus transportation from/to Rome or Pisa Airport to/from the hotels, ferry tickets, coffee breaks, gala dinner and social excursion.

Conference fees can be paid at the Registration desk upon arrival. All major currencies will be accepted, as well as EC, traveller or personal cheques.

Sorry, we are not able to accept credit cards for the payment of the Conference fee

Hotel accommodation

The Conference hall and the hotels are located in La Biodola area. La Biodola is a beautiful little bay on Elba Island. Elba is the biggest island of the Tuscan Archipelago in the Tyrrhenian Sea and is a major holiday resort, famous for its natural beauties, its history and its vineyards. The island is located 10-km offshore, about 80 km south of Pisa and about 250 km north of Rome.

Participants sharing a double room or coming with companion(s) will be accommodated, unless otherwise requested, in two seaside first class Hotels, the *Hotel Hermitage* (HH) and the *Hotel Biodola* (HB), located very close to each other in an isolated area approximately 10 Km from Portoferraio. The Conference hall is located in the Hotel Hermitage site. Only a few single rooms are available at the Hermitage and Biodola Hotels.

Single rooms will be available in the first class seaside *Hotel del Golfo* (HG) located at about 6 Km from the Conference room. On request, participants sharing double rooms or with family can also be accommodated at a significant reduced rate at the Hotel del Golfo. A bus shuttle service from this hotel to the Conference site will be provided twice per day. **Breakfast and dinner are foreseen at the Hotel del Golfo, lunch will be served at the Hermitage Hotel.**

Full-inclusive accommodation fees for the Hotel Hermitage (HH) or the Hotel Biodola (HB) are reported below:

HH or HB	€/full period	Accommodation
Participants	850	double room
Adult companions	650	double room
Children under 10	300	same room as parents
Children under 2	fre	same room as parents
Extra charge	300	single room

Full-inclusive accommodation fees for the Hotel del Golfo (HG) are reported below:

HG	€/full period	Accommodation
Participants	660	double room
Adult companions	540	double room
Children under 10	240	same room as parents
Children under 2	free	same room as parents
Extra charge	180	single room

The above full period fees include full board accommodation, from Sunday May 20 dinner to Saturday May 26 breakfast and full use of the hotel sport facilities.

Hotel accommodation has to be paid directly at the reception of the Hotel. Major currencies, traveller and personal cheques, and credit cards will be accepted.

This beautiful and comfortable accommodation at a reasonable cost has a counterpart: as already said, participants are expected to attend the meeting for its full duration. The daily prices for people staying only part-time are about 30% more.

Special for students

For students or young colleagues willing to participate in the meeting, a cheaper accommodation is available in a bungalow residence or in a second class hotel, about 200 m from the La Biodola Hotel. The full inclusive accommodation fees are € 500,00, for the full period, in double room per person.

Breakfast and dinner are foreseen at the Residence/Hotel, lunch will be served at the Hermitage Hotel

Important dates

Deadline for returning Registration Form: **February 29, 2012**
 Deadline for receipt of Abstracts: **February 29, 2012**
 Arrival: **May 20, 2012**
 Meeting sessions: **May 21-25, 2012**
 Deadline for proceedings manuscripts: **May 25, 2012**
 Departure: **May 26, 2012**

Pisa Meeting Awards

The Executive Board of the Frontier Detector for Frontier Physics Association has decided to award three prizes of € 1.500 each. The prizes are intended for young researchers brilliant and active in detection techniques development and contributing, by talk or by poster to the scientific program of the Conference. **The selection will be made by an International Committee formed by colleagues attending the Conference.**

Conference WWW site

<http://www.pi.infn.it/pm/2012/>