



Frontier Detectors for Frontier Physics

14th Pisa Meeting on Advanced Detectors

May 27 – June 2 2018 • La Biodola, Isola d'Elba (Italy)

BULLETIN n. 1

This is the first announcement of the 2018 Pisa Meeting on Instrumentation that will be held at

*La Biodola, Isola d'Elba, Italy
May 27 – June 2, 2018*

This conference is the fourteenth of a series¹ of meetings initiated in Tirrenia in 1980, and continued in Castiglione della Pescaia and La Biodola, devoted to review progresses on advanced detectors and instrumentation for 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	<p>The 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 the following topics:</p> <ul style="list-style-type: none">▪ New ideas on detection techniques▪ Trends in tracking, calorimetry and particle identification▪ Detectors for astroparticle physics and cosmic radiation▪ Detectors for fundamental physics and gravitational waves▪ Neutrino, dark matter and elusive particle detectors▪ Synchrotron radiation, X-ray and photon detectors▪ Front-end electronics and trigger systems▪ DAQ, data management, detector specific software, simulation and data analysis▪ Applications to Life Sciences and other Societal Challenges (cultural heritage, environment monitoring, homeland security)▪ Technology transfer and industrial applications <p>The meeting will be organized as a series of plenary half-day sessions, each addressing one or more specific topics. A preliminary program, with sessions schedule and conveners, will be published on the web site as soon as available.</p> <p>An exhibition of products by industrial partners active in the field of the instrumentation will take place during the meeting.</p>
Attendance and Registration	<p>Attendance is limited to about 400 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.</p> <p style="text-align: center;">The deadline for registration is April 3, 2018</p>
Contributions and abstracts	<p>Contributions to the Conference will be either talks or posters. The session conveners will define the detailed program and will notify in due time the authors of the acceptance of their contributions for oral or poster presentation. The allocated time for oral presentations is 15 min, while for each Conference Session a summary talk will underline the relevant aspects of all the related posters. Part of the time is devoted to invited reviews of selected topics. Researchers interested in contributing to the scientific program are invited to fill in the proper section of the Registration Form.</p> <p>Industrial partners are as well invited to submit contributions on their innovative products or technologies.</p> <p>Contributors to the Conference, for talks and posters as well, are requested to submit a brief</p>

¹ <http://www.pi.infn.it/pm/>

abstract with a maximum length of 1200 characters, by using the form available on the Conference web pages.

The deadline for abstract submission is March 18, 2018

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 € **480.00** (EPS members € 430.00, students € 240.00). It includes cost of proceedings and conference hall, two-way bus transportation from/to Rome or Pisa Airport to/from the hotels, coffee breaks and social events.

Registration fee can be paid by bank transfer (advanced payment) to:

Monte dei Paschi di Siena

IBAN: IT 11 L 01030 14006 000001087024

BIC: PASCITM1Y68

in the name of Comitato PM2018

Ref: **Participant's name - PM2018 fee**

(transfer fee at the sender's charge)

or on site at the Meeting Registration upon arrival.

All major currencies will be accepted, as well as EC, traveller or personal cheques.

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 companions 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:

Hotel Hermitage	€full period	€per day	Accommodation
Participants	€ 960.00	€ 175.00	double room
Adult companions	€ 650.00	€ 120.00	double room
Children under 10	€ 300.00	€ 50.00	same room as parents
Children under 2	free	free	same room as parents
Extra charge	€ 300.00	€ 50.00	single room

Hotel Biodola	€full period	€/per day	Accommodation
Participants	€ 900.00	€ 165.00	double room
Adult companions	€ 600.00	€ 110.00	double room
Children under 10	€ 250.00	€ 45.00	same room as parents
Children under 2	free	free	same room as parents
Extra charge	€ 300.00	€ 50.00	single room

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

HG	€full period	€/per day	Accommodation
Participants	€ 780.00	€ 130.00	double room
Adult companions	€ 550.00	€ 100.00	double room
Children under 10	€ 240,00	€ 40.00	same room as parents
Children under 2	free	free	same room as parents
Extra charge	€ 120.00	€ 30.00	single room

The above full period fees include full board accommodation, from Sunday May 27 dinner to Saturday June 2 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.

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 € 550 or € 600 depending on the hotel, for the entire period, in double room per person.

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

Grants for young researchers:

The Organizing Committee of the 14th Pisa Meeting establish ten **grants for young researchers** (maximum 35 years old).

The grant includes a contribution to the accommodation fee of €550,00 and the waiving of the registration fee.

Young researchers willing to apply, should send to pisameet@pi.infn.it the following documents:

- A CV also reporting recent research interests
- Two reference letters

The deadline for application is January 31, 2018

The selected researchers will be notified by **February 16** and the list of names will be published on the web site.

Conference Awards

The Executive Board of the Frontier Detector for Frontier Physics Association dedicate a **special Award of €2500** in memory of **Dr. Aldo Menzione** to a distinguished scientist who contributed to detector technique development.

The members of the Frontier Detector for Frontier Physics Association will decide the winner.

The Executive Board of the Frontier Detector for Frontier Physics Association has decided to award **three Frontier Detector for Frontier Physics Prizes of €1000 each** to talented young scientists active in detection techniques development and contributing, by talk or poster, to the scientific program of the Conference.
An International Committee formed by Colleagues attending the Conference will select the 3 winners.

Important dates

Deadline for grant application	January 31, 2018
Deadline for abstract submission	March 18, 2018
Deadline for returning registration form:	April 3, 2018
Arrival:	May 27, 2018
Meeting sessions:	May 28 – June 1, 2018
Deadline for proceeding submission:	June 15, 2018
Departure:	June 2, 2018

Conference WWW site

<http://www.pi.infn.it/pm/2018>