



Frontier Detectors for Frontier Physics

15th Pisa Meeting on Advanced Detectors

May 22 – 28 2022 • La Biodola, Isola d'Elba (Italy)

BULLETIN n. 1

This is the first announcement of the postponed 2021 Pisa Meeting on Instrumentation that will be held at

La Biodola, Isola d'Elba, Italy
May 22–28, 2022

This conference is the fifteenth of a series 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 in Particle and Radiation Detection▪ Trends in Tracking, Timing, Calorimetry and Particle Identification▪ Detectors and Detector Systems for Particle and Astroparticle Physics, and for Cosmology▪ Gravitational Wave Detectors▪ Applications of Radiation Detectors and Techniques to Societal Challenges▪ Technology Transfer and Industrial Applications of HEP Techniques▪ Front-End, DAQ, and Trigger Electronics▪ Cryogenic and Quantum Sensors▪ Large Detectors for Neutrinos, Dark Matter, and Other Elusive Particles▪ Instrumentation for Quantum Computing▪ Simulation, Reconstruction, and Machine Learning Techniques▪ Enabling Technologies for Frontier Physics <p>The conference will be held in person, in compliance with the relevant COVID-19 regulations at the time of the meeting. Remote participation requests should be discussed with the organisers. The venue is fully accessible to delegates with reduced mobility.</p> <p>The meeting will be organized as a series of plenary half-day sessions, each addressing one or more topics. The program, with sessions schedule and conveners, will be published on the web site as soon as available. We plan for sessions, as well as the plenary events, to be streamed online with a live chat function. In the first days of the meeting, a specific track will be dedicated to industrial research and development. 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 in-person, traditionally limited to 400 persons, will depend on the evolution of COVID-19 pandemic. Priority will be given to those with a talk or a poster accepted, and participants in presence are expected to attend the meeting for its full duration.</p> <p>Colleagues willing to participate in person are warmly encouraged to fill the pre-registration form available on the Conference web site, https://www.pi.infn.it/pm/. The purpose of pre-registration is to provide a picture of the attendance for a better organisation of the conference. Priority to attend the conference will be given to pre-registered participants.</p>

	<p>Pre-registration will open December 1, 2021 and will close February 20, 2022. The pre-registration must be confirmed between February 20 and March 15, 2022, using the same form, where additional fields for the confirmation process will be made available. Not confirmed pre-registrations will be cancelled.</p> <p>General registration for participants without a confirmed pre-registration will open on March 15, 2022 and will close on April 10, 2022</p> <p>The conference will meet all local health and safety requirements. Details of the measures in place and steps to be taken by delegates will be communicated in due time. If you require a visa invitation letter, please register to the conference, and write to pisameet@pi.infn.it, detailing the information that should appear on the letter.</p> <p>Information about travel regulations can be found from the conference website https://www.pi.infn.it/pm/.</p> <p>The deadline for pre-registration is February 20, 2022. The deadline for general registration is April 10, 2022.</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. Typically, the allocated time for oral presentations is 15-20 min. For each conference session a summary talk will underline the relevant aspects of all related posters. Part of the time will be devoted to invited reviews of selected topics.</p> <p>The Call for Abstract submission form will open on December 1, 2021.</p> <p>Researchers and industrial partners interested in contributing to the scientific program with innovative research, products, or technologies, are requested to submit a brief abstract with a maximum length of 1200 characters using the form available on the conference website https://www.pi.infn.it/pm/.</p> <p>The deadline for abstract submission is February 20, 2022.</p>
Presentations and Proceedings	<p>Contributors are expected to provide their oral or poster presentation in electronic format no later than one day before the beginning of the conference.</p> <p>Proceedings will be published as a special issue of Nuclear Instruments & Methods A. All the contributing authors are requested to prepare and upload a paper in the dedicated conference web page. More details will be indicated in the next bulletin.</p> <p>The deadline for proceedings submission is June 30, 2022</p>
Venue and Working hours	<p>The conference will be held at the Hotel Hermitage in La Biodola, Elba Island, Italy. There will be two daily sessions, from 8.30 to 12.30 and from 16.00 to 19.30.</p>
Conference fee	<p>The full conference fee is € 480.00 (€ 430.00 for EPS members). The reduced fee for students is € 250.00. The fee includes the cost of proceedings, two-way bus transportation between Rome or Pisa airports and the hotels, coffee breaks and social events.</p> <p>Detailed payment information will be provided in the second bulletin.</p>
Hotel accommodation	<p>Most participants will be accommodated in the <i>Hotel Hermitage</i> and the <i>Hotel Biodola</i>, located close to each other. Full-inclusive accommodation at a reduced rate is available from Sunday May 22 to Saturday May 28 at either of the two hotels and should be requested using the conference registration form. Detailed information about the hotel fees, along with a list of alternative accommodation options, will be available at the conference website https://www.pi.infn.it/pm/accommodation/.</p>

<p>Financial support for young researchers:</p>	<p>The Organizing Committee of the 15th Pisa Meeting will provide grants to a limited number of young researchers, including post-docs and PhD students, to promote their participation to the conference. The grant includes a contribution to the accommodation fee and full coverage of the registration fee, but does not cover travel expenses. Young researchers willing to apply should upload a CV including a statement of research interests, as well as two reference letters when filling the pre-registration form.</p> <p>The deadline for grant application is January 31, 2022</p> <p>The selected researchers will be notified by February 20, 2022, and the list of names will be published on the website.</p>																										
<p>Conference Awards</p>	<p>The Frontier Detector for Frontier Physics (FDFP) Association will fund a number of prizes:</p> <p>Aldo Menzione Prize A special FDFP Prize in memory of <i>Aldo Menzione</i> will be awarded to a distinguished scientist for outstanding contributions or leadership in the development of detectors or new technologies in the fields of interest of the conference.</p> <p>Young Researcher Prize A FDFP Young Researcher Prize will be awarded to a talented young researcher contributing to the scientific program of the conference, in recognition of their significant contribution towards the conference themes.</p> <p>ICFA-IID Prizes We are pleased to announce that the inaugural ICFA Instrumentation, Innovation, and Development Prizes will be awarded during the conference. These prizes recognize outstanding work in instrumentation development. The application and selection procedures are described on the ICFA-IID web site: https://icfa-iid.physics.ox.ac.uk/</p>																										
<p>Important dates</p>	<table border="1"> <tr> <td>Start of pre-registration</td> <td>December 1, 2021</td> </tr> <tr> <td>Start of abstract submission</td> <td>December 1, 2021</td> </tr> <tr> <td>Deadline for grant application</td> <td>January 31, 2022</td> </tr> <tr> <td>Deadline for pre-registration</td> <td>February 20, 2022</td> </tr> <tr> <td>Deadline for abstract submission</td> <td>February 20, 2022</td> </tr> <tr> <td>Start of confirmation for pre-registered participants</td> <td>February 20, 2022</td> </tr> <tr> <td>Deadline for confirmation of pre-registration</td> <td>March 15, 2022</td> </tr> <tr> <td>Start of general registration</td> <td>March 15, 2022</td> </tr> <tr> <td>Deadline for general registration</td> <td>April 10, 2022</td> </tr> <tr> <td>Participant arrival</td> <td>May 22, 2022</td> </tr> <tr> <td>Participant departure</td> <td>May 28, 2022</td> </tr> <tr> <td>Conference sessions</td> <td>May 23–27, 2022</td> </tr> <tr> <td>Deadline for proceeding submission</td> <td>June 30, 2022</td> </tr> </table>	Start of pre-registration	December 1, 2021	Start of abstract submission	December 1, 2021	Deadline for grant application	January 31, 2022	Deadline for pre-registration	February 20, 2022	Deadline for abstract submission	February 20, 2022	Start of confirmation for pre-registered participants	February 20, 2022	Deadline for confirmation of pre-registration	March 15, 2022	Start of general registration	March 15, 2022	Deadline for general registration	April 10, 2022	Participant arrival	May 22, 2022	Participant departure	May 28, 2022	Conference sessions	May 23–27, 2022	Deadline for proceeding submission	June 30, 2022
Start of pre-registration	December 1, 2021																										
Start of abstract submission	December 1, 2021																										
Deadline for grant application	January 31, 2022																										
Deadline for pre-registration	February 20, 2022																										
Deadline for abstract submission	February 20, 2022																										
Start of confirmation for pre-registered participants	February 20, 2022																										
Deadline for confirmation of pre-registration	March 15, 2022																										
Start of general registration	March 15, 2022																										
Deadline for general registration	April 10, 2022																										
Participant arrival	May 22, 2022																										
Participant departure	May 28, 2022																										
Conference sessions	May 23–27, 2022																										
Deadline for proceeding submission	June 30, 2022																										
<p>Conference website</p>	<p>https://www.pi.infn.it/pm</p>																										