

First Circular for the “Perspectives at the Bellotti IBF” Workshop

8th - 10th October 2025

Workshop announcement webpage: <https://ibf-workshop.sites.lngs.infn.it>



1 Overview

The workshop aims to bring together scientists interested in research at the deep underground Bellotti Ion Beam Facility (IBF) at INFN’s Laboratori Nazionali del Gran Sasso (LNGS), to explore opportunities and challenges in an international context and to stimulate networking. Details of the IBF are available on the website: <https://www.lngs.infn.it/en/pagine/bellotti-facility-en>.

The workshop is planned to cover three broad areas:

1. Bellotti IBF in the International Context of Underground Nuclear Astrophysics
2. Bellotti IBF for Physics Beyond the Standard Model
3. Perspectives in Applied Physics Research at Bellotti IBF

2 Venue and Format

The workshop will take place at the Laboratori Nazionali del Gran Sasso (LNGS) located nearby the village of Assergi inside the Gran Sasso - Laga National Park, close to the beautiful city of L’Aquila and approximately 120 kilometers north-east from Rome.

The workshop will take place in-person only. Talks are planned to be hosted in the “E. Fermi” Auditorium of LNGS, with coffee, snacks, and lunch available between sessions. To further stimulate discussions, the workshop will include the opportunity to tour the IBF facility at the LNGS deep-underground laboratory.

3 Important Dates

May 16th: Registration opens
To be announced: Registration closes
To be announced: Fee deadline
October 8th – 10th: Workshop

4 Additional Information

The workshops indico website is anticipated to open in Mid-May with a link to the registration form. Details of the registration fee will also be made available at the same time.

The indico site will also feature information on travel advice and accommodation. A social dinner is being planned to take place in L'Aquila on the 9th (Thursday), details to follow.

Scientific Advisory Committee

- Sandrine Courtin, *University of Strasbourg, France*
- Federico Ferraro, *INFN-LNGS, Italy*
- Alba Formicola, *INFN-Roma 1, Italy*
- Jordi Josè, *UPC Barcelona/IEEC, Spain*
- Matthias Junker, *INFN-LNGS, Italy*
- Matthias Laubenstein, *INFN-LNGS, Italy*
- Marcello Messina, *INFN-LNGS, Italy*
- Valentino Rigato, *INFN-LNL, Italy*
- Daniel Robertson, *University of Notre Dame, Indiana, USA*

Local Organizing Committee

- Chair: Federico Ferraro, *INFN-LNGS, Italy*
- Dipali Basak, *INFN-LNGS, Italy*
- Thomas Chillery, *INFN-LNGS, Italy*
- Riccardo Maria Gesuè, *GSSI & INFN-LNGS, Italy*

Scientific Secretary Fausto Chiarizia, *INFN-LNGS, Italy*

5 Contact

Please forward all queries to the Local Organizing Committee emailing list:
ibf-workshop-loc@lists.infn.it

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