**ChETEC-INFRA Experimental Plan  
Bellotti Ion Beam Facility, INFN-LNGS**

Title of Experiment

[Title]

Name of the PI, participants and institutions

[Names and institutions]

Short abstract and scientific motivations (max. 3 pages)

[…]

Expected Outcome (max. 3 pages)

[…]

Experimental Setup

[…]

Requested Beam Type and Current

[…]

List of Target Materials to be Used

[…]

Possibly Safety Considerations

[e.g. hazardous materials …]

Justification of the requested beam time length

[Please provide a justified overview of the required beam parameters and estimated times needed for each beam parameter set. This may, for example, refer to estimated reaction yields.]

Justification of the need for low cosmic ray background

[Please provide a justified overview how your experiments benefits from the low cosmic ray background at the Bellotti IBF. This may, for example, refer to estimated reaction yields.]

Estimate of the neutron flux induced by the proposed experiment

[Please provide a justified overview how your experiments benefits from the low cosmic ray background at the Bellotti IBF. This may, for example, refer to estimated reaction yields.]

Results of Previous Access Times at the Bellotti IBF (in case of previous projects)

[…]

Relation to Other Projects, Student Theses, etc.

[If this proposal is related to a thesis project, or other external projects, please note this here. In particular if this affects the potential time line for conducting the project.]

Support for Travel and Accommodation

[If financial support for travel and accommodation is requested, please outline the planned travel (number of scientists, duration), and the total amount of support requested.]

Other information, special needs, remarks, etc.

[…]

**Scheduling information**

Preferred period for access time  
[preferred or excluded periods for the proposers]

Requested beamtime  
[in hours, total]

**Check List**

Please double-check that your experimental plan includes the following information:

* Aim of the project in short
* Ion beam species, energies, intensities
* Total duration of the project (access time)
* Equipment that you bring to the facility
* Preferred time slot for scheduling this access
* Required instruments of the facility
* Required equipment to be provided by the facility

Document last updated: July 8, 2024