**ChETEC-INFRA Experimental Plan  
PTB Ion Accelerator Facility**

**Application for Experimental Time**  
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**Detailed Proposal**

[Please feel free to repeat information from the Science Part / Project Description as necessary.]

Objectives of the Experiment  
[…]

Expected Outcome  
[…]

Experimental Setup  
[…]

Requested Beam Type and Intensity

[…]

Requested Target Specifications

[…]

Possible Safety Considerations  
[e.g. hazardous materials]

Justification of the requested beam time length (e.g. from the estimated yields)

[Please provide a justified overview of the required beam parameters and estimated times needed for each beam parameter set.]

Results of Previous Access Times at this Facility (in case of previous projects)

[…]

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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]

Stay at the Guest House  
[In case of acceptance of the proposal, are users interested in using the PTB guest house?]

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 and intensities
* Total duration of the project
* Equipment that you bring to the facility
* Required equipment to be provided by the facility
* Required instruments of the facility
* Time-structure of the beams (DC, ns-pulsed)
* Mounting details of equipment (size and weight of detectors)
* Space requirements for DAQ close to detectors
* Required cable connections for signals and digital data
* Radiation protection status of the users (pre-dose certificate for the running year or radiation passport)
* Interest in reservation of rooms in the PTB guesthouse

**Remarks:**

Typical periods for the access time corresponding to ChETEC-INFRA calls for proposals are:

* June - August for ChETEC-INFRA calls closing in February
* September - November for ChETEC-INFRA calls closing in May
* December – February for ChETEC-INFRA calls closing in August
* March - May for ChETEC-INFRA calls closing in November

Please submit this part of your proposal as “Experimental Plan” of a ChETEC-INFRA proposal in GATE. Please do **not** submit ChETEC-INFRA proposals directly to the facility.

ChETEC-INFRA Template last updated: 10.05.2022