



林口長庚 放射醫學核心實驗室  
Radiation Research Core Laboratory CGMH, Linko

Application form for High-Energy Proton Beam

文件編號：PPBD-FM-PI-01 ver.3

Date：

General information

Institute	<input type="checkbox"/> academia <input type="checkbox"/> industrial
Client / PI.	
Tax ID Number	
Contact person (experimenter)	
Telephone	
E-mail	

Reminder：

- I already read and will follow the "Precautions for radiation safety in the controlled area"
- I understand that is not responsible for the damage of the samples or the test results.
- I understand that the samples could become radio-active after proton irradiation. These samples can't be removed from the controlled area till their doses are lower than 0.2  $\mu\text{Sv/h}$

Irradiated parameters

Radiation Effect test	<input type="checkbox"/> Single Event Effect (SEE) <input type="checkbox"/> Total Irradiation Dose (TID)
Mean Energy (MeV)	
Fluence (particles/cm <sup>2</sup> )	Flux (particles /cm <sup>2</sup> /sec)
Dose (rads)	Sample type
Sample material	Sample size (cm)
Quantity	Require time

Monitor

- Not need real-time monitoring
- Need real-time monitoring (the lab provides the signal connectors)  
(  RG-58 \_\_\_ (19 pairs),  RG-59 \_ \_ ( 10 pairs ),  RG-62 \_ \_ ( 19 pairs )  
 Optical fiber \_ \_ (8 pairs),  RJ45 \_ \_ ( 7 pairs ),  others : Please prepare 25~30 m signal cable )

Special requests