



Proton Irradiation Facility (PIF)

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PIF: Main Features

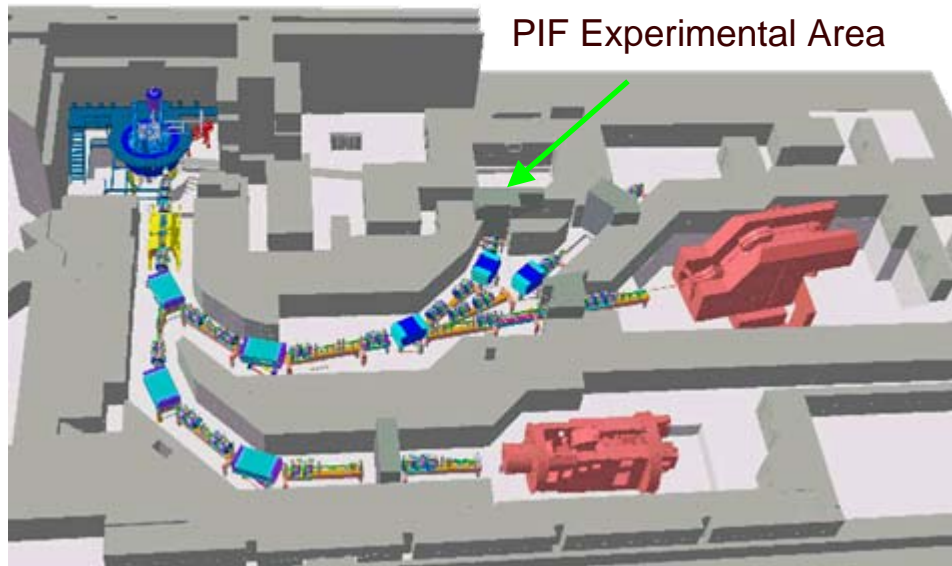
It is one of ESA Center of Excellence and member of ECIF - European Component Irradiation Facilities:

- LIF/ Belgium
- RADEF / Finland
- PIF / Switzerland
- *CASE / Netherlands*



It is the only facility in Europe offering such a wide range of proton beams with respect to energies, fluxes and profiles.

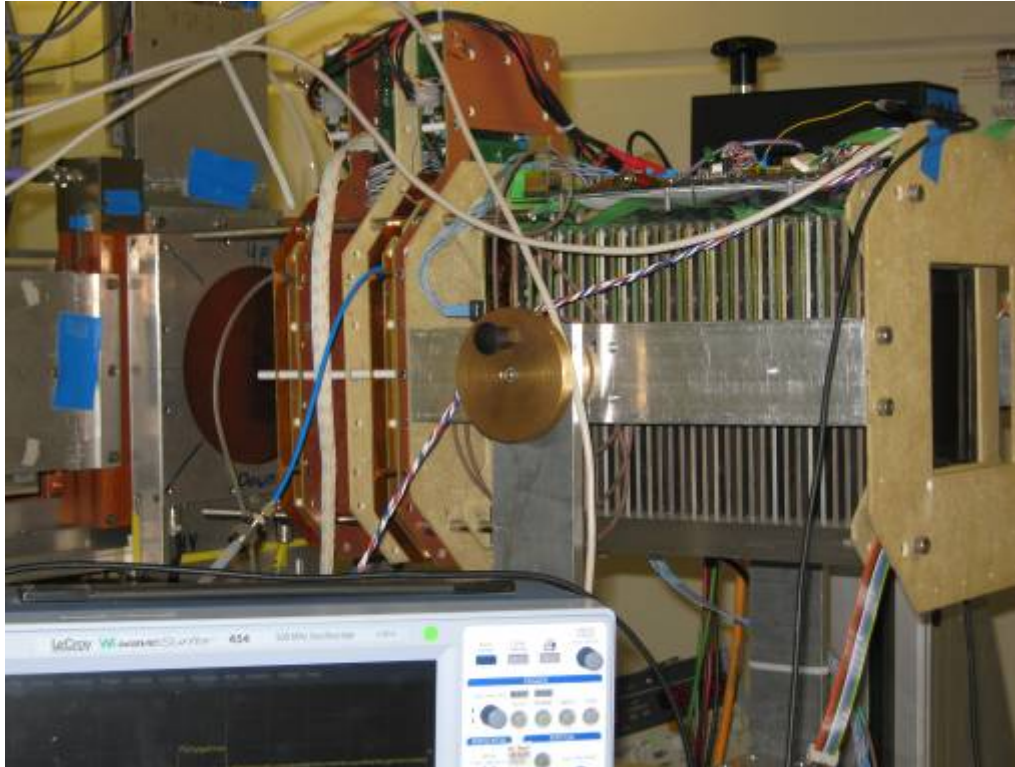
Every ESA Satellite Mission had its instruments tested at PSI



PROSCAN Biomedical complex

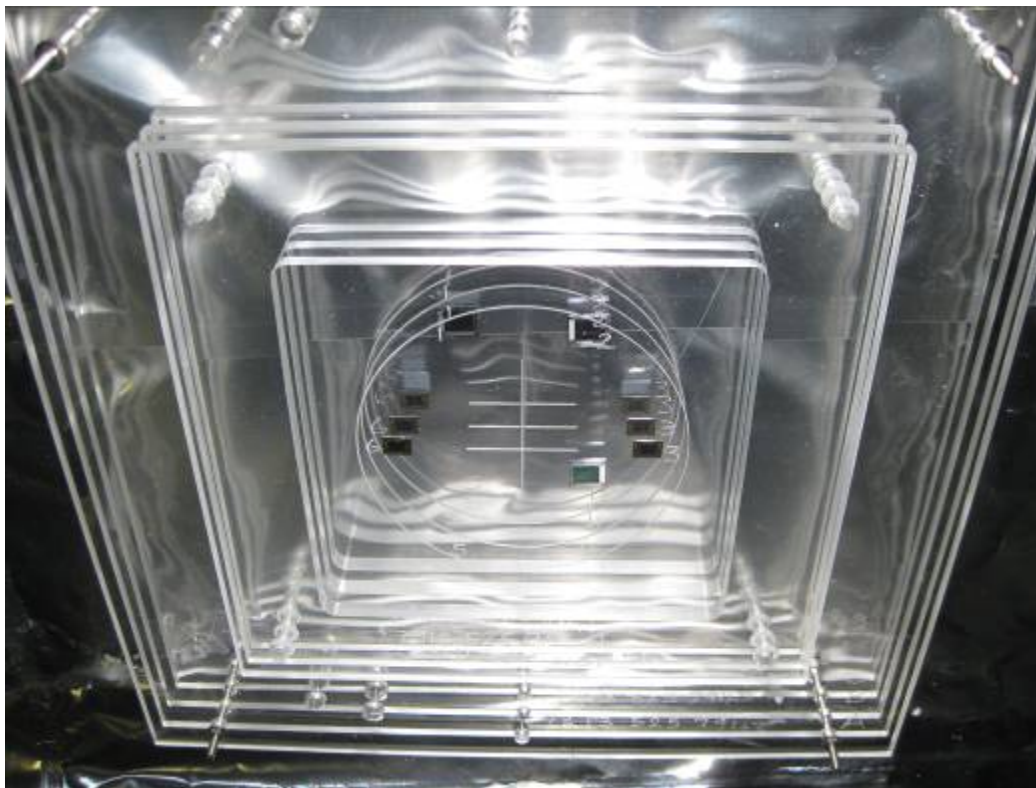


Irradiation site

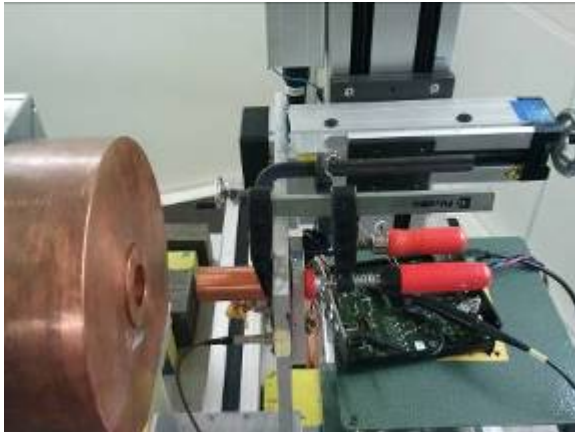
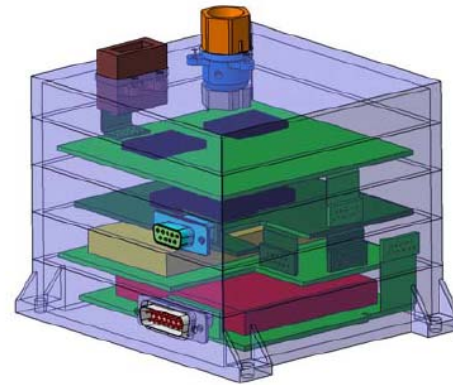
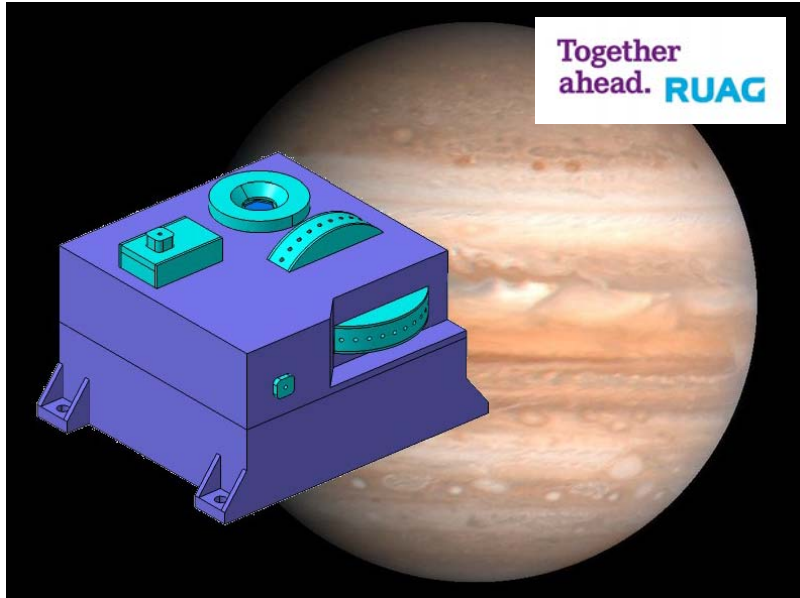


*Monitor for Biomedical Proton Radiography tested at PIF
by TERA Foundation*

Rad-hard Memory test structures at PIF

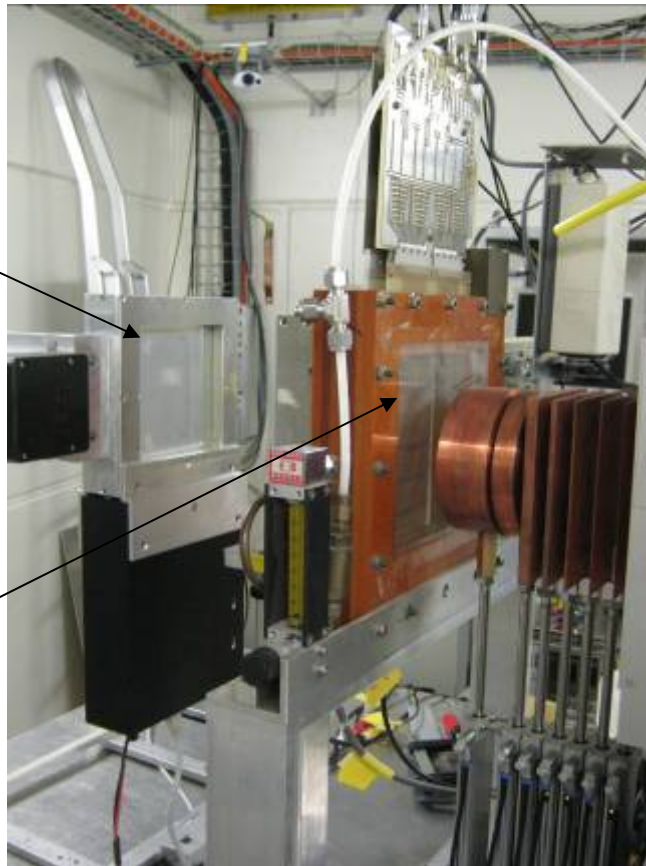


*Memory Test Structures for Radiation-hard Memory
ESA Development Program*



New - PROPIX
Calibration
at PIF

Old wire-
chamber



Portable Beam Profile Monitor PROPIX for ESA Facilities and PSI Beam-lines