

# HollandPTC – Beamtime Call - 2026

## Description of the Call

Holland Proton Therapy Centre (HollandPTC) invites proposals for research projects requiring access to its proton beam facilities. The aim of this call is to enable innovative proof-of-principle studies, methodological developments, and experimental validation in radiation science and technology.

We recognize that access to proton beam time is often the limiting factor in advancing experimental research. Through this call, HollandPTC provides dedicated research beam slots to support high-quality projects across a broad range of disciplines.

The HollandPTC research facility allows a wide variety of irradiation schemes, including variations in proton energy, flux, dose, dose rate, beam geometry and field configuration. A range of detectors and dosimetry systems are available on site, and proposals may also benefit from access to biological laboratory infrastructure. Details of the facilities are provided in Annex A.

HollandPTC strongly values scientific collaboration. Our research team can support users throughout all phases of their experiment, including:

- experimental design and planning
- beam time preparation
- execution of the experiment
- data acquisition support.

## Beam Time Allocation

Beam time will be allocated in **evening slots**, where **1 slot corresponds to one evening of beam time**. This call offers **6 research slots in total and is open to any kind of experiment with a special focus on physics and biology related research**.

**Pilot studies and exploratory experiments are encouraged**, particularly when beam access could act as a catalyst for larger projects or grant proposals.

We invite researchers whose projects suit the **RadNext funding scheme** (<https://radnext.web.cern.ch/radnext-2030/>) to apply to beam time via that route rather than this call.

## Review Process

All submitted proposals will undergo a scientific evaluation.

1. A **review panel** will evaluate proposals based on scientific quality, feasibility within the available beam time, expected impact of the experiment, and suitability for the HollandPTC facilities.
2. Based on scores and a panel discussion, proposals will be **ranked and selected for beam time allocation**.

## Application Instructions

Applicants must submit their proposal using the **official proposal form**.

Proposals should:

- clearly describe the scientific objective and experimental plan
- explain why proton beam access is required
- demonstrate feasibility within the requested beam slot(s)

Applicants are encouraged to **be concise while providing sufficient detail** for reviewers and panel members to properly assess the project.

The filled-in proposal **must not exceed 8 pages**, excluding references.

The proposal must be submitted via email to [researchoffice@hollandptc.nl](mailto:researchoffice@hollandptc.nl).

## Timeline

Stage	Date
Call opens	Mid May
Submission deadline	July 15
Reviewer reports due	Beginning of September
Results communicated	End of September