

Indicate a pfRICH Contacts to SPS Coordinator Office (and me)
(Spokesperson/Technical Coord./Safety Contact)
Sps Coordinator Sps.Coordinator@cern.ch

Check PS/SPS Schedule and collect information at the User Page
<https://ps-sps-coordination.web.cern.ch/ps-sps-coordination/>

Keep contact with the Beam Physicist for H8 and T10
Maarten Van Dijk <maarten.van.dijk@cern.ch>

Participate to the beam-line kick-off meeting
PS T10 was on January 28 <https://indico.cern.ch/event/1642114/>
SPS H8 is scheduled on February 20



The AD, PS and SPS Users Page

[Injector Schedule \(EDMS\) \[2024, 2025, 2026 \] - ASM \(via \[lxplus\]\(#\), \[lxtunnel\]\(#\), \[sshuttle\]\(#\)\) - PS & SPS Users Management - Testbeams around the world - International test beam schedules](#)

v0.8/v0.9 Version of the 2026 PS and SPS User Schedules

- For the latest sub version of the schedule, please check the indico page of the last user meetings
- Regardless of the overall schedule version, **please note that beam slots marked as preliminary or DRAFT cannot be considered stable and might still have to be shifted by up to several weeks.**

Details

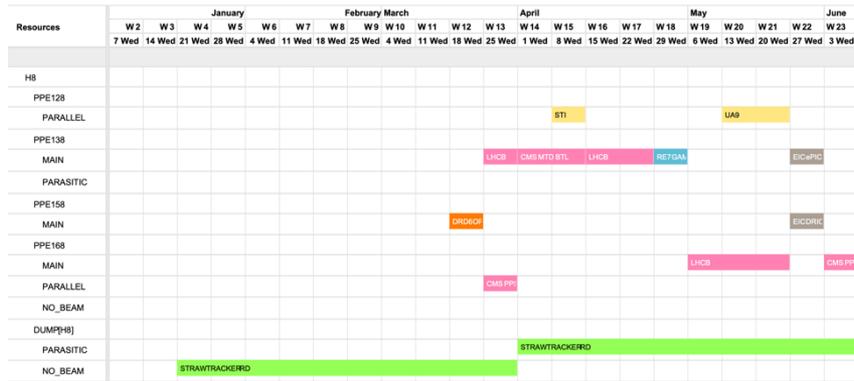
Area	Schedules	
	Version	Files
PS / East Area	0.9 ¹⁾	pdf csv
SPS H2, H4	0.8 ¹⁾	pdf csv
SPS H8	0.8 ¹⁾	pdf csv

Footnotes:

¹⁾ User schedule v0.9 was released on 2026-01-30 17:00 UTC
 User schedule v0.9 corresponds to the injector schedule v1.1 2026.

Schedules of Earlier Years

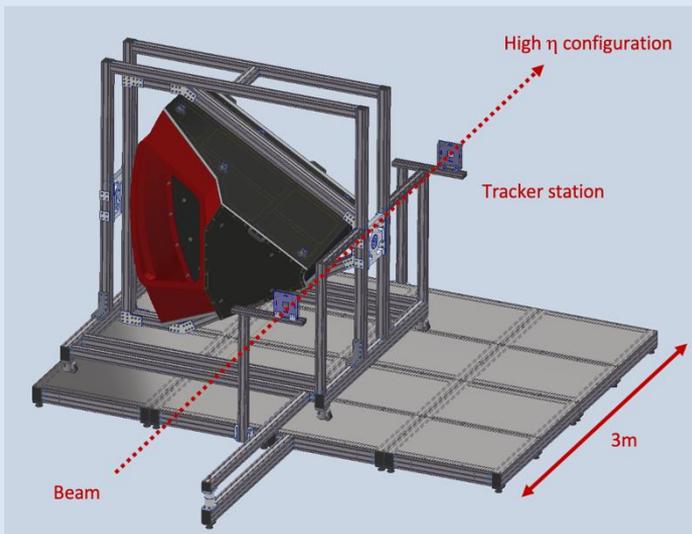
[Archive](#)



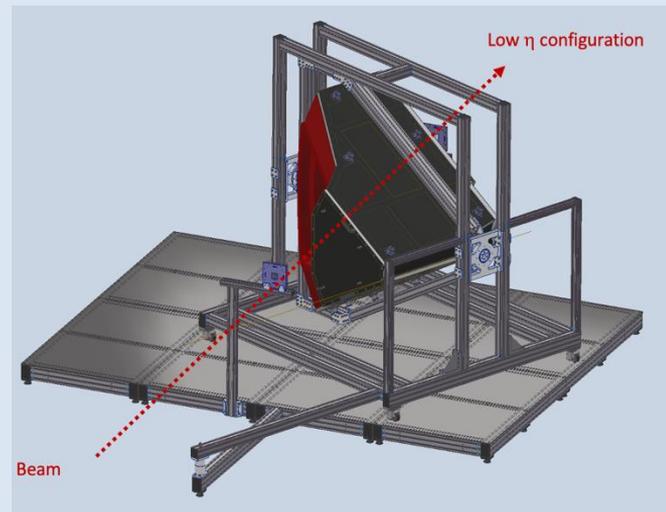
PS and SPS Weekly User Meetings - **if not announced otherwise** - take place on Thursdays at 10:30 AM in [room 874/1-011 \(CERN\)](#) in person. **Attendance is mandatory one week prior to the scheduled run, during the beam time and for one meeting after the beam time.**

Check the [indico entries](#) and the meeting announcements via email for further details.

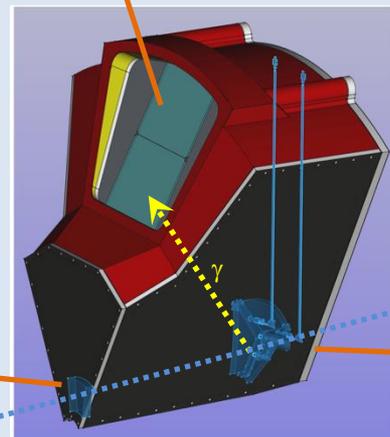
Real-Scale Prototype (1 sector) with support saddle + platform for safe operations (ePIC pseudorapidity scan)



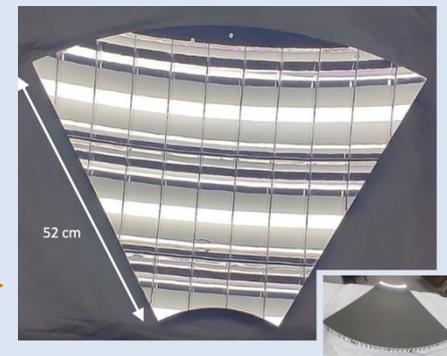
"Final" Photon Detector Units



Aerogel Test Article



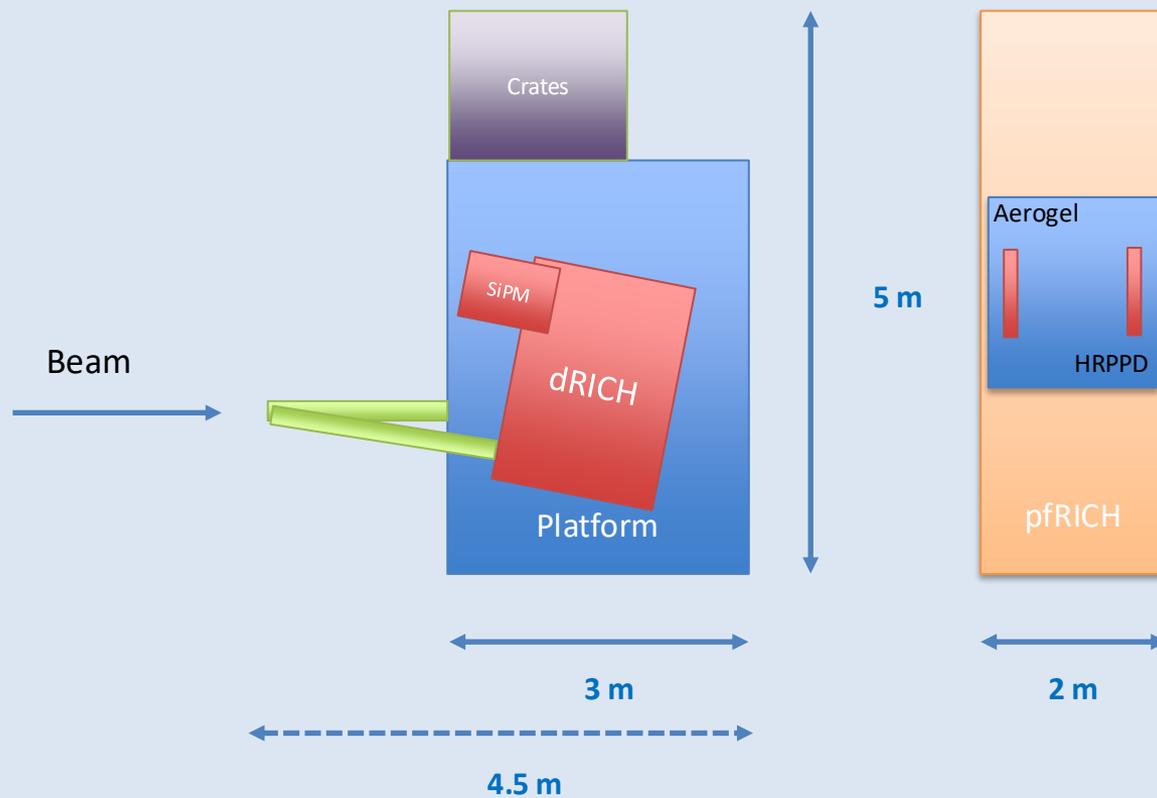
Mirror Test Article





Setup Schematic

pfRICH should take a DESY-table and ~2 m, the staging should be detailed, but both can be moved in/out the beam if needed



Scan in the momentum transient region in between radiators (aerogel and gas) working range
 Study ID performance vs beam Cherenkov tagging
 Systematics studies on beam focalization (emittance) and intensity
 Change pseudo-rapidity layout (inner-components reconfiguration)

Particle	Polarity	Energy (0.1 to 15 GeV/c (T09))	High purity	Intensity	Beam size (Ømm)	Run number (if applicable)
Mix Hadron	Positive + Negative	2	NO	$\leq 5e3$	10 & 40	few
Mix Hadron	Positive + Negative	4	NO	$\leq 5e3$	10 & 40	few
Mix Hadron	Positive + Negative	6	NO	$\leq 5e3$	10 & 40	few
Mix Hadron	Positive + Negative	8	NO	$\leq 5e3$	10 & 40	few
Mix Hadron	Positive + Negative	10	NO	$\leq 5e3$	10 & 40	few
Mix Hadron	Positive + Negative	11.5	NO	$\leq 5e3$	10 & 40	few
Electron enhanced	Negative	Any	NO	$\leq 5e3$	10 & 40	few

- Tables: NO
- GAS : *YES*
 - C_2F_6 (bottles available at CERN)
 - N_2 (dry volume for SiPM cooling)
 - Ar (CO_2) as alternate radiators, Ar- CO_2 70-30% mix for GEM
- *High Voltage : YES*
 - 4kV for GEMs & 1kV for reference MA-PMT sensors by standard CAEN/NIM modules
- Beam Instrumentation :
 - Cherenkov signal : *YES*
 - Scintillator signal : *YES*
- Infrastructure
 - Electronics rack in zone : *YES (1)*
 - Any other : *(detail)*

Users Tables

Booking planning: a real need - intensive use in North + East Areas

2 types of tables:

- DESY Tables: Qty 6, 1 t of capacity.
- XSCA Tables: Qty 3, 80 kg of cap.

What's next/new?

- 2x users identified so far(TOTEM and NA64) who needs and asked for a moveable table for a long time period (funded by users).
- BE-EA is in contact with DESY laboratory who is starting soon to write a technical specification (similar to DESY table) to order extra tables with a new design for beginning of 2022.

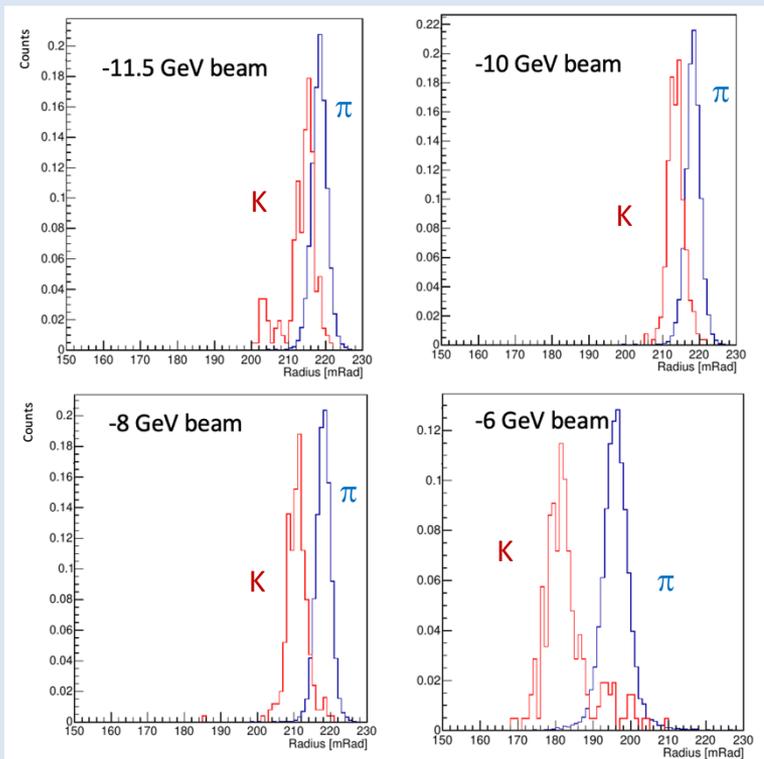


DATE

Kaon-Pion separation

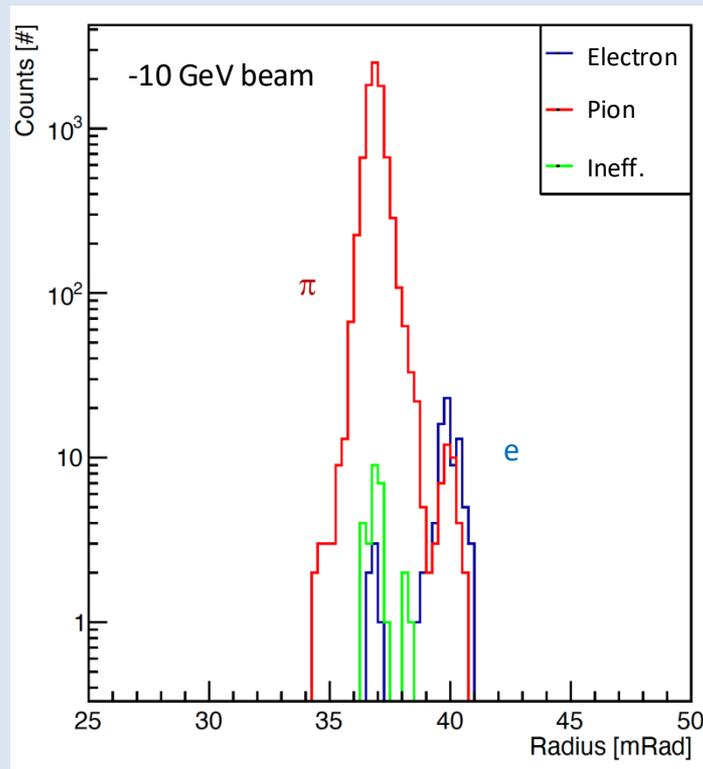
XCET Tagging Online Analysis

Aerogel ring n=1.026 with beam Cherenkov tagging



Electron-Pion separation

Gas ring with beam Cherenkov tagging



EXPERIMENT SAFETY PANEL

EXPERIMENT NAME: EIC dRICH

PPE/Beam line: H8 – PPE 158

Start date of run: 05/11/2025

End date of run: 19/11/2025

CONTACTS

Spokeperson:	Marco Contalbrigo	Phone:	+39 3336725544
Technical Coordinator :	Fulvio Tessarotto	Phone:	+39 3356766011
Safety Contact:	Marco Contalbrigo	Phone:	+39 3336725544
Control Room:		Phone:	

MAIN HAZARDS

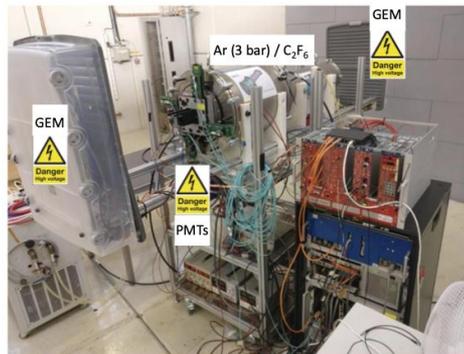
Gas: Ar (3 bar), C₂F₆ (greenhouse gas), Ar-CO₂ (30%), N₂

High Voltage: 1-4 kV

Others: Vacuum (during gas exchange only)
Pressure chamber (3 bar)

Gas chamber with PMT (1 kV) detector box + 2 GEM (4 kV) tracking devices

LAYOUT



EP-TH
Safety Office

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POLLUTION - ACCIDENT - FIRE

Make any gas request: Time may depend on the gas peculiarities; A CERN account number is required	[couple of months in advance]
Get Access to CERN and computer account Submit a request via an active CERN experiment	[couple of months in advance]
Get Requested Training https://lms.cern.ch	[one month in advance]
Request a short-term dosimeter https://dosimetry.web.cern.ch/dosimeters/how-obtain-dosimeter	[one week in advance]
ISIEC form and safety inspection https://ep-th-safety.web.cern.ch	[at least 2 weeks in advance]
Participate to the SPS user meeting To explain setup/plans/problems	[1 week in advance]
Submit any Handling Request (e.g. crane, fork-lift) https://edh.cern.ch	[1 week in advance]

Organize Patrol Training [at the beginning]

Organize Safety Inspection to get Beam Permit [at the beginning]
Care about grounding, access to power, certified components

Adams to get access to the control room [at the beginning]
adams.cern.ch

Operate Local Beam Controls

Participate to the SPS user meeting
To explain status/plans/problems

Submit any Handling Request (e.g. crane, fork-lift)

<https://edh.cern.ch>

[few-days in advance]

Organize Radiation Protection Inspection

TRENC to trace radiated material

trec.cern.ch

[few-days in advance]