

Facility	Location	Particle Type	Energy / Momentum	Intensity	Beam Spot	Beam structure	Availability	Contacts
IRRAD	PS East Area (T8)	p ⁺	24 GeV/c	~1-3×10 ¹⁰ p/cm ² /s	12×12mm ² (FWHM)	1-3 spill/CPS (30s) spill = 0.4s	May-November (PS operation)	URL: www.cern.ch/ps-irrad Federico.Ravotti@cern.ch
CHARM	PS East Area (T8)	mixed-field (24 GeV/c p ⁺)	n ⁰ (thermal - HE) + HEH >100MeV	Lateral: 10 ⁷ -10 ¹⁰ HEH/cm ² /h Long.: 10 ⁸ -10 ¹¹ HEH/cm ² /h TID: 0.01-100 Gy/h	secondary environment from target	1-3 spill/CPS (30s) spill = 0.4s	May-November (PS operation)	URL: www.cern.ch/charm Salvatore.Danzeca@cern.ch
GIF⁺⁺	SPS North Area (H4)	γ + μ	0.662 MeV + 100 GeV μ	14TBq (~1Gy/h at 1m.) + 10 ⁴ particles/spill	panoramic (±37°) + 100×100mm ²	Continuous + spills/SPS cycle	all year + 6-8 weeks/year (SPS operation)	URL: www.cern.ch/gif-irrad Roberto.Guida@cern.ch Federico.Ravotti@cern.ch
CC60	Preveessin Site	γ	1.17 MeV, 1.33 MeV	10TBq (~3Gy/h at 1m.)	standard	continuous	all year	Salvatore.Danzeca@cern.ch
CERF	SPS North Area (H6)	mixed-field (120 GeV/c HEH)	n ⁰ (< 10-100 MeV) + HEH	max: 10 ⁸ particles/spill (on the target)	tertiary environment from target	spills/SPS cycle (few sec. spill)	few weeks/year (SPS operation)	URL: www.cern.ch/cerf Marco.Silari@cern.ch
HiRadMat	SPS West Area (TT60)	p ⁺ or HI	440 GeV or 173GeV/u	3×10 ⁹ to 1.7×10 ¹¹ (p ⁺)	~1 mm ²	1 pulse/ SPS cycle pulse = 7.2μs	May-November (SPS operation)	URL: www.cern.ch/hiradmat hiradmat.sps@cern.ch