

CNRAD electronics test facility Logbook 2011

Official physics start 18 March 2011 ([Injector schedule V1.1](#))

Installation 3-4 March 2011

CNGS setup with beam 11 March 2011

End of Beam 21 November 2011

Planning last updated on 10/1/2011

Link to RadWG indico pages

[HERE](#)

Slot #	Length [weeks]	Approx. slot start date	Approx. slot end date	miniSUBD	SUBD	SUBD	SUBD
				2.5MHz	31.25kHz	1MHz	1MHz
				TSG45 1	TSG45 2	TSG46 3	TSG46 4
1	3	11 Mar	28 Mar	EPC			QPS
2	5.5	1 April	9 May	EPC			QPS
3	5.5	13 May	20 Jun				QPS
4	5.5	25 Jun	1 Aug				QPS
5	6.5	5 Aug	19 Sep				
6	6.5	23 Sep	7 Nov				
7	1.5	11 Nov	21 Nov				

Systems to be tested in 2011 in CNRAD

- A. QPS
- B. TE/EPC
- C. **TIMEPIX** detectors ??

Slot #	End in week	Beam time [weeks]	Total duration	Expected dose assuming $1.5e18$ pot/week [Gy]			
				TSG45 floor 451	TSG45 corner 455	TSG46 floor 463	TSG46 tower 467
1	13	3	3	130	6	10	0.9
2	19	5.5	8.5	360	18	40	2.6
3	25	5.5	14	600	29	70	4.3
4	31	5.5	19.5	830	40	100	5.9
5	38	6.5	26	1110	54	130	7.9
6	45	6.5	32.5	1380	67	160	9.9
7	47	1.5	34	1450	70	170	10

RadMon positions and configurations

ACCESS before Slot 1: **3-4 March 2011**

- RM7 box
- RM7 dep.
- RM8 box
- RM8 dep.

SLOT 1: **11 March 2011 9:00** to **28 March 2011 8:00**

- {low intensity beam, setup}
- $\Delta I = X.xxx \cdot 10^{17}$ pot

ACCESS End of Slot 1: **30 March 2011 (W13)**

- RM7 box
- RM7 dep.
- RM8 box
- RM8 dep.