

**ISTITUTO NAZIONALE DI FISICA NUCLEARE
LABORATORI NAZIONALI DI LEGNARO**

7 MV Van de Graaff CN Accelerator

Beam Time Schedule
from June 4, 2007 to August 3, 2007

Date	Experiment	Spokesperson	Ion	Energy [MeV]	Beam / target	Current [nA]	Beam line
JUNE							
4	GammaCN	Giannatiempo	-	-	-	-	-30°
5	GammaCN	Giannatiempo	$^1\text{H}^+$	<4	Cont	20	-30°
6	Luna LNL	Broggini	^1H	2	Cont	3000	+15°
7	Luna LNL	Broggini	^1H	2	Cont	3000	+15°
8	Luna LNL	Broggini	^1H	2	Cont	3000	+15°
9							
10							
11	CN						
12	CN						
13							
14	CN						
15	CN						
16							
17							
18	SPES-BNCT	d'Errico	$^1\text{H}^+$	5	Cont**	150	0°
19	SPES-BNCT	d'Errico	$^1\text{H}^+$	5	Cont**	150	0°
20	SPES-BNCT	d'Errico	$^1\text{H}^+$	5	Cont**	150	0°
21	SPES-BNCT	d'Errico	$^1\text{H}^+$	5	Cont**	150	0°
22	SPES-BNCT	d'Errico	$^1\text{H}^+$	5	Cont**	150	0°
23							
24							

25	Di.S.Co.L.I.	Mezzetti	$^1\text{H}^+$	3.5	Cont	< 50	+30°
26	Di.S.Co.L.I.	Mezzetti	$^1\text{H}^+$	3.5	Cont	< 50	+30°
27	Sheila RM	Tanzarella	^1H	< 4	Cont	< 10	+ 45°
28	SID	Agosteo	^1H	< 4	Cont*	500	0°
29	SID	Agosteo	^1H	< 4	Cont*	500	0°
30							
JULY							
1							
2	SIRAD	Bisello	$^4\text{He}^{++}$	10	Cont	1	0°
3	Sheila LNL	Cherubini	^1H	< 4	Cont	< 10	+ 45°
4	Di.S.Co.L.I.	Mezzetti	$^1\text{H}^+$	3.5	Cont	< 50	+30°
5	Di.S.Co.L.I.	Mezzetti	$^1\text{H}^+$	3.5	Cont	< 50	+30°
6	OXIDE-RBS	Davidson	$^4\text{He}^{++}$	< 10	Cont	100	-15°
7							
8							
9	CN						
10	CN						
11	Luna LNL	Broggini	^1H	2	C/ ^{13}C	3000	+15°
12	Luna LNL	Broggini	^1H	2	C/ ^{13}C	3000	+15°
13	Luna LNL	Broggini	^1H	2	C/ ^{13}C	3000	+15°
14							
15							
16	SID	Agosteo	^1H	< 4	Cont*	500	+15°
17	SID	Agosteo	^1H	< 4	Cont*	500	+15°
18	SID	Agosteo	^1H	< 4	Cont*	500	+15°
19	Sheila RM	Tanzarella	^1H	< 4	Cont	< 10	+ 45°
20	OXIDE-RBS	Davidson	$^4\text{He}^{++}$	< 10	Cont	100	-15°
21							
22							
23	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°

24	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°
25	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°
26	DNA breaks	Belli	$^1\text{H}^+$	3	Cont	< 10	+ 45°
27	DNA breaks	Belli	$^1\text{H}^+$	3	Cont	< 10	+ 45°
28							
29							
30	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°
31	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°
AUGUST							
1	Radna-T	Cherubini	$^4\text{He}^{++}$	10	Cont	20-40	+45°
2	Sheila LNL	Cherubini	^1H	< 4	Cont	< 10	+ 45°
3	CN						
4							
5							

* Bersaglio di ^7LiF spessore $\leq 1 \text{ mg/cm}^2$

** Bersaglio infinito di Be