

# AN2000 ACCELERATOR

EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
January '18	1							
January '18	2							
January '18	3							
January '18	4							
January '18	5							
January '18	6							
January '18	7							
January '18	8	SERVICE						
January '18	9	SERVICE						
January '18	10	SERVICE						
January '18	11	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds
January '18	12	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds
January '18	13							
January '18	14							
January '18	15	Dia.Fab	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
January '18	16	Dia.Fab	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
January '18	17	SPES-DIAG	M. Poggi				+30°	
January '18	18	LTU-SS	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films
January '18	19	SPES-DIAG	M. Poggi				+30°	
January '18	20							
January '18	21							
January '18	22	APIX_P	G. Collazuol	1H	2	100-1000 p/s	0°	Electronic devices/detectors single event setup
January '18	23	APIX_P	G. Collazuol	1H	2	100-1000 p/s	0°	Electronic devices/detectors single event setup
January '18	24	APIX_P	G. Collazuol	1H	2	100-1000 p/s	0°	Electronic devices/detectors single event setup
January '18	25	APIX_P	G. Collazuol	1H	2	<500pA	0°	Electronic devices/detectors single event setup
January '18	26	APIX_P	G. Collazuol	1H	2	<500pA	0°	Electronic devices/detectors single event setup
January '18	27							
January '18	28							
January '18	29	beamline prep. AIPAC8Be	T. Marchi					
January '18	30	beamline prep. AIPAC8Be	T. Marchi					
January '18	31	beamline prep. AIPAC8Be	T. Marchi					

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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
February '18	1	<b>E-PLATE</b>	H. Skliarova	1H,4He	1.8	50	60°	Isotopic thin films
February '18	2	<b>ARCHIMEDE</b>	V. Rigato	1H, 3He	1.5/0.6-9	100	60° /0°	film sottili 3He(d,p) test
February '18	3							
February '18	4							
February '18	5	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	SI/Ge/LiNbO3
February '18	6	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	SI/Ge/LiNbO3
February '18	7	<b>MOSS</b>	R. Tonini	1H,4He	2.00	100	60°	
February '18	8	<b>MOSS</b>	R. Tonini	1H,4He	2.00	100	60°	
February '18	9	<b>:::</b>						
February '18	10							
February '18	11							
February '18	12	<b>SERVICE</b>						
February '18	13	<b>SERVICE</b>						
February '18	14	<b>SERVICE</b>						
February '18	15	<b>SERVICE</b>						
February '18	16	<b>SERVICE</b>						
February '18	17							
February '18	18							
February '18	19	<b>:::</b>						
February '18	20	<b>QDNS</b>	D. De Salvador	1H/4He	2	100nA	60°	nano structured materials
February '18	21	<b>ASIDI</b>	V. Rigato	1H, 4He	0.5-2.0	tbd	0°	
February '18	22	<b>ASIDI</b>	V. Rigato	1H, 4He	0.5-2.0	tbd	0°	
February '18	23	<b>beamline AIPAC8Be</b>	T. Marchi	1H,4He	0.4-1.8 / 2.0	1000 / 100	30°	Lithium
February '18	24							
February '18	25							
February '18	26	<b>ALCHIMIA</b>	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks
February '18	27	<b>ALCHIMIA</b>	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks
February '18	28	<b>ALCHIMIA</b>	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks

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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes	
March '18	1	LTU-SS	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films	ENSAR2 REQ.
March '18	2	IBIL-Nscint	A. Quaranta	1H,4He	1.5-2.0	tbd	60°		
March '18	3								
March '18	4								
March '18	5								
March '18	6								
March '18	7	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	8	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	9								
March '18	10								
March '18	11								
March '18	12	SERVICE							
March '18	13	SERVICE							
March '18	14	SERVICE							
March '18	15	SERVICE							
March '18	16	SERVICE							
March '18	17								
March '18	18								
March '18	19								
March '18	20								
March '18	21	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	22	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	23								
March '18	24								
March '18	25								
March '18	26	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	27	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	28	TNSS	G. Maggioni	4He	2.0	100	60°	Ge compounds	
March '18	29								
March '18	30								
March '18	31								

# AN2000 ACCELERATOR

EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
April '18	1							
April '18	2							
April '18	3	SERVICE						
April '18	4	SERVICE						
April '18	5	SERVICE						
April '18	6	SERVICE						
April '18	7							
April '18	8							
April '18	9	<b>GEO-PD</b>	C. Mazzoli	1H	2	<1pnA	0°	rocks
April '18	10	<b>GEO-PD</b>	C. Mazzoli	1H	2	<1pnA	0°	rocks
April '18	11	<b>GEO-PD</b>	C. Mazzoli	1H	2	<1pnA	0°	rocks
April '18	12	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	Si/Ge/LiNbO3
April '18	13	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	Si/Ge/LiNbO3
April '18	14							
April '18	15							
April '18	16	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds
April '18	17	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds
April '18	18	<b>LTU-SS</b>	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films
April '18	19							ENSAR2 REQ.
April '18	20							
April '18	21							
April '18	22							
April '18	23	<b>ASIDI</b>	V. Rigato /S. Gerardin	1H	2.0-2.2	single ion	0°	FLASH MEMORY
April '18	24	<b>ASIDI</b>	V. Rigato /S. Gerardin	1H	2.0-2.2	single ion	0°	FLASH MEMORY
April '18	25							
April '18	26	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
April '18	27	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
April '18	28							
April '18	29							
April '18	30							

# AN2000 ACCELERATOR

EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes	
May '18	1								
May '18	2	<b>MEDEA</b>	L.Tositti /D. Ceccato	1H	2		0°	environmental	
May '18	3	<b>MEDEA</b>	L.Tositti /D. Ceccato	1H	2		0°	environmental	
May '18	4	<b>LTU-SS</b>	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films	ENSAR2 REQ.
May '18	5								
May '18	6								
May '18	7	<b>BYZANTINE-CERAMICS</b>	R. Bugoi	1H	2	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	8	<b>BYZANTINE-CERAMICS</b>	R. Bugoi	1H	2	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	9	<b>BYZANTINE-CERAMICS</b>	R. Bugoi	1H	2	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	10	<b>BYZANTINE-CERAMICS</b>	R. Bugoi	1H	2	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	11	<i>available</i>							
May '18	12								
May '18	13								
May '18	14	<b>ASIDI</b>	V. Rigato / S. Gerardin	1H	2.0-2.2	single ion	0°	FLASH MEMORY	
May '18	15	<b>ASIDI</b>	V. Rigato / S. Gerardin	1H	2.0-2.2	single ion	0°	FLASH MEMORY	
May '18	16	<b>ASIDI</b>	V. Rigato / E. Vittone	1H	2.0-2.2	single ion	0°	IBICC	
May '18	17	<b>ASIDI</b>	V. Rigato / E. Vittone	1H	2.0-2.2	single ion	0°	IBICC	
May '18	18	<b>LTU-SS</b>	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films	ENSAR2 REQ.
May '18	19								
May '18	20								
May '18	21	<b>QDNS</b>	D. De Salvador	1H/4He	2	100nA	60°	nano structured materials	
May '18	22	<b>QDNS</b>	D. De Salvador	1H/4He	2	100nA	60°	nano structured materials	
May '18	23	<b>MicroPigmentsStudy</b>	B. Constantinescu	1H	2.00	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	24	<b>MicroPigmentsStudy</b>	B. Constantinescu	1H	2.00	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	25	<b>MicroPigmentsStudy</b>	B. Constantinescu	1H	2.00	<3nA	0°	Archaeological	ENSAR2 REQ.
May '18	26								
May '18	27								
May '18	28	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond	
May '18	29	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond	
May '18	30	<b>ALCHIMIA</b>	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks	
May '18	31	<b>ALCHIMIA</b>	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks	

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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
June '18	1	ALCHIMIA	A. Re	1H	1.0-2.0	<=1nA	0°	Geological /Rocks
June '18	2							
June '18	3							
June '18	4	FUSIONI	G. Ghigo / L. Gozzelino	1H/2H	1.0-2.0		0°	Superconductors
June '18	5	FUSIONI	G. Ghigo / L. Gozzelino	1H/2H	1.0-2.0		0°	Superconductors
June '18	6	MEDEA	L.Tositti /D. Ceccato	1H	2		0°	environmental
June '18	7	MEDEA	L.Tositti /D. Ceccato	1H	2		0°	environmental
June '18	8	MEDEA	L.Tositti /D. Ceccato	1H	2		0°	environmental
June '18	9							
June '18	10							
June '18	11	MEDEA	L.Tositti /D. Ceccato	1H	2		0°	environmental
June '18	12	SERVICE						
June '18	13							
June '18	14	SERVICE						
June '18	15	SERVICE						
June '18	16							
June '18	17							
June '18	18	QDNS	D. De Salvador	1H/4He	2	100nA	60°	nano structured materials
June '18	19	QDNS	D. De Salvador	1H/4He	2	100nA	60°	nano structured materials
June '18	20	LNL STAGE B+C	Gozzelino/Silciliano	1H/4He	1.8-2.1	50	60°	
June '18	21	LNL STAGE B+C	Gozzelino/Silciliano	1H/4He	1.8-2.1	50	60°	
June '18	22	IBIL-Nscint	A. Quaranta	1H,4He	1.5-2.0	tbd	60°	shifted from May11
June '18	23							
June '18	24							
June '18	25	AIPACC8Be	T. Marchi	1H,4He	0.4-1.8 / 2.0	1000 / 100	tbd	Lithium
June '18	26	AIPACC8Be	T. Marchi	1H,4He	0.4-1.8 / 2.0	1000 / 100	tbd	Lithium
June '18	27	ARCHIMEDE	V. Rigato	1H,4He	0.4-1.8 / 2.0	400	tbd	
June '18	28	ARCHIMEDE	V. Rigato	1H,4He	0.4-1.8 / 2.0	400	tbd	
June '18	29							
June '18	30							

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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
July '18	1							
July '18	2							
July '18	3							
July '18	4							
July '18	5							
July '18	6							
July '18	7							
July '18	8							
July '18	9							
July '18	10							
July '18	11							
July '18	12							
July '18	13							
July '18	14							
July '18	15							
July '18	16							
July '18	17							
July '18	18							
July '18	19							
July '18	20							
July '18	21							
July '18	22							
July '18	23							
July '18	24							
July '18	25	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds
July '18	26	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds
July '18	27							
July '18	28							
July '18	29							
July '18	30							
July '18	31							
August '18	2							
August '18	3	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds

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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
September 2018	1							
September 2018	2							
September 2018	3							
September 2018	4							
September 2018	5							
September 2018	6							
September 2018	7							
September 2018	8							
September 2018	9							
September 2018	10							
September 2018	11							
September 2018	12							
September 2018	13							
September 2018	14							
September 2018	15							
September 2018	16							
September 2018	17	<b>ARCHIMEDE</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
September 2018	18	<b>ARCHIMEDE</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
September 2018	19	<b>ARCHIMEDE</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
September 2018	20	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
September 2018	21	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
September 2018	22							
September 2018	23							
September 2018	24							
September 2018	25							
September 2018	26							
September 2018	27	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	Si/Ge/LiNbO3
September 2018	28	<b>HCCC</b>	D. De Salvador	1H,4He	2.00	100	60°	Si/Ge/LiNbO3
September 2018	29							
September 2018	30							



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EXPERIMENT		Spokesperson	Beam	Energy (MeV)	Current (nA)	Beam-Line	Target	Notes
October '18	1							
October '18	2							
October '18	3							
October '18	4							
October '18	5	<b>MEDEA</b>	L.Tositti /D. Ceccato	1H	2		0°	environmental
October '18	6							
October '18	7							
October '18	8	<b>ASIDI</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
October '18	9	<b>MEDEA</b>	L.Tositti /D. Ceccato	1H	2		0°	environmental
October '18	10	<b>ARCHIMEDE</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
October '18	11	<b>LTU-SS</b>	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films <b>ENSAR2 REQ.</b>
October '18	12							
October '18	13							
October '18	14							
October '18	15							
October '18	16							
October '18	17							
October '18	18	<b>Dia.Fab</b>	F. Picollo	1H,4He	0.5-2	100pA-300nA	60°	diamond
October '18	19							
October '18	20							
October '18	21							
October '18	22	<b>ASIDI</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
October '18	23	<b>ASIDI</b>	V. Rigato	1H,4He	0.4-1.8 / 2.0	100	60°	
October '18	24	<b>IBIL-Nscint</b>	A. Quaranta	1H,4He	1.5-2.0	tbd	60°	
October '18	25	<b>GEO-PD</b>	C. Mazzoli	1H	2	<1pnA	0°	rocks
October '18	26	<b>GEO-PD</b>	C. Mazzoli	1H	2	<1pnA	0°	rocks
October '18	27							
October '18	28							
October '18	29	<b>TNSS</b>	G. Maggioni	4He	2.0	100	60°	Ge compounds
October '18	30	<b>LTU-SS</b>	A. Vomiero	1H,4He	1.5-2.0	50	60°	thin films <b>ENSAR2 REQ.</b>
October '18	31							