Block 1 / 2008	Januar 2008	Schedule as of 10-Jan-2008

Week 1						Week 2							Week 3							Week 4							Week 5			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
								UNILAC start, Pb (PIG)		a) Pb 4,8 MeV X0		UMAT, C. Trautmann, 208Pb (PIG), 11.4 MeV, X0			b)	c) 64Ni, 4,8 MeV, X0		U233, Hofmann, 64 Ni (EZR), 5 MeV/u, 1 puA, Y7										
																d) 64Ni, 5 MeV, Y7			U223, Mann, 64 Ni (EZR), copy of Y7 machine for periodic energy control, 1 Hz, X4										
																					B, Forck / Guetlich, 64Ni (EZR), 5 MeV/u, X2									
															Inbetriebnahme TK, 40Ar (MUCIS)															
																								Inbetriebnahme TK, 238U (PIG)						

Allocated blocks include the accelerator tuning time

a) UMAT, B. Fischer, 208Pb (PIG), 4,8 MeV/u, 100pnA, 50Hz, X0
b) UBIO, Scholz, 208Pb (PIG), 11.4 MeV/u, X6
c) UMAT, B. Fischer, 64Ni (EZR), 4,8 MeV/u, 100pnA, 50Hz, X0
d) U233, Hofmann, 64Ni (EZR), 5 MeV/u, 1 puA, Y7

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Monday, 03 March, 2008 17:22

Block 1 Block 2 / 2008	Februar 2008	Schedule as of 07-Feb-2008

Week 5			Week 6							Week 7							Week 8							Week 9				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
U233, Hofmann, 64 Ni (EZR), 5 MeV/u, 1 puA, Y7																												
U223, Mann, 64 Ni (EZR), copy of Y7 machine for periodic energy control, 1 Hz, X4																	UBIO, Scholz, 64 Ni, 11.4 MeV, X6			U223, Mann, 64 Ni (EZR), copy of Y7 machine for periodic energy control, 1 Hz, X4								
B, Forck, Guetlich, 64Ni (EZR) or 40Ar (MUCIS), same energy as main user, X2																												
Inbetriebnahme TK, 40Ar (MUCIS)													Inbetriebnahme SIS, 238U (MEVVA)													SIS start		a)
Inbetriebnahme TK, 238U (PIG)																												b)

Allocated blocks include the accelerator tuning time

a) U221, Braeuning-Demian, 124 Xe (MUCIS), 100 MeV/u, HTA
b) S325, Herrmann/Y.Leifels, 64Ni (EZR), max. energy, 1e7/spill(SIS), 10 s extraction, HTB

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Monday, 03 March, 2008 17:24

Block 2 / 2008	März 2008	Schedule as of 20-Mrz-2008

Week	Week 10								Week 11							Week 12							Week 13							W
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
U223, Hofmann, 64 Ni (EZR), 5 MeV/u, 1 puA, Y7																											UMAT, C. Trautmann, 12C (EZR), 11.4 MeV/u, 50 Hz, X0			
a) 124 Xe HTA	FRS 000, 124 Xe	b) Xe HTA		S330, Faestermann/Gorska, 124Xe (MUCIS), 1000MeV/u, 4e9/spill (FRS-target), 4 s extraction, FRS S2 S4																			e) Xe, HTA	f) Xe, FRS		Therapy, Haberer, 12C (EZR), HTM				
c) 64Ni, HTB		d) Xe, FRS		E000, Steck, 124Xe, 400MeV/u, 1e9/spill, SIS cooler, ESR						E056, Stöhlker, 124Xe, 400 MeV/u, ESR			E074 / E076, Warczak/Steck, (Braeuning-Demian), 124Xe 54+, 400 MeV/u(SIS), 20 MEV/u (ESR), 1e8/spill in ESR, slow extr. from ESR to HTA, cooled,bare Xe ions, ESR-HTA												SBIO-PT07, Narici/Schardt, 12C (ECR), 100 to 800 MeV/u, 1e2 to 1e4 and 1e9, 1-3 ms spill, nights only,HTA				

Allocated blocks include the accelerator tuning time
a) U221, Braeuning-Demian, 124Xe (MUCIS), 100 MeV/u, HTA
b) SMAT, C. Trautmann, 124Xe (MUCIS), 200 MeV/u, HTA
c) S325, Herrmann/Y.Leifels, 64Ni (EZR), max. energy, 1e7/spill(SIS), 10 s extraction, HTB
d) S330, Faestermann/Gorska, 124Xe (MUCIS), 1000MeV/u, 4e9/spill (FRS-target), 4 s extraction, FRS S2 S4
e) SMAT, C. Trautmann, 124Xe (MUCIS), 200 MeV/u, HTA
f) S330, Faestermann/Gorska, 124Xe (MUCIS), 1000MeV/u, 4e9/spill (FRS-target), 4 s extraction, nights only, FRS

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Thursday, 20 March, 2008 14:54

Block 2 / 2008	April 2008	Schedule as of 20-Feb-2008

Week 14						Week 15							Week 16							Week 17							Week 18		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
UBIO, Scholz, 12C, 11.4 MeV, X6									U217, Block/Herfurth, 12C (EZR), 11.4 MeV/u, 500pnA, 50Hz, Y7- SHIPTRAP						a) Ne X1	b) Ne (PIG), X8				UMAT, Voss, 12C, 4.8 MeV/u, 50Hz, 5ms, X0				UMAT, Trautmann, 197Au (PIG), 11.4 MeV/u, 50Hz, 5ms, X0				c) 36S X1	
						B, Becker/ Forck, 58Ni (PIG) 11.4 MeV/u, nights only, X2																								d) 36S Y7	
Therapy, Haberer, 12C (EZR), HTM																										S347, Podolyak/Gorska, 238U, 1GeV/u, 2E9/spill, FRS			g) U FRS	
S325, Herrmann/Leifels, 58Ni (PIG), 1930 Mev/u, 1e7/spill(SIS), 10s extr., HTB										SBIO, Scholz, 12C, therapy conditions, nights, HTM						f) 12C, 800 Mev/u, HTC	S347, Podolyak/Gorska, 238U, MEVVA source, 1000 MeV/u, maximum available, 2E9/spill, RISING (FRS S4 area)								E056, Dubois/ Stöhlker, U28+, 10-60 MeV/u, moderate intens. ESR		
	e)							e)		SiSt, Fehrenbacher, 12C, (EZR), 200 MeV, days only, HTA																			
										S357, Ducret/ Aumann, 58Ni, 1.93 GeV/u, 1000 - 10000/spill, 10 s extraction, nights, HTB																			

Allocated blocks include the accelerator tuning time

a) U219, Schädel, 22Ne (PIG), 6.5 - 7.5 MeV/u, 1 pµA (DC), 5 ms, 50 Hz, X1
b) U219, Schädel, 22Ne (PIG), 5.5 - 6.5 MeV/u, 2 pµA (DC), 5 ms, 50 Hz, X8
c) U231, Türler/Düllmann, 36S (EZR), 7.5 - 9.5 MeV/u, 1 pµA (DC), 5 ms, 50 Hz, X1
d) U211, Sulignano/Heßberger, 36S (EZR), 4.5-5.9, 8.6, 11.4 MeV/u, 100pnA, Y7
e) B, Mustafin, 58Ni (PIG), 1930 MeV/u, HHD
f) S245, Boretzky/Aumann, 12C (EZR), 800 MeV/u, slow extr., HTC
g) E073, Musumarra/Nociforo, 238U (MEVVA), 400 – 1000 MeV/u 1E9/spill, SIS cooler, vacuum at S2, FRS

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Friday, 28 March, 2008 13:13

Block 2 / 2008	Mai 2008	Schedule as of 22-Apr-2008

Week 18				Week 19							Week 20							Week 21							Week 22					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
U231, Türler/Düllmann, 36S, 7.5 - 9.5 MeV/u, 1 pµA (DC), 5 ms, 50 Hz, X1													U000, machine experiments																	
U211, Sulignano / Heßberger, 36S (ECR), 4.5-5.9, 8.6, 11.4, 100 pnA, 5 Hz, Y7							U226, Roth/Blazevic, 36S, 16+ (Z6 post stripper), 3.9 MeV/u, 500 pA, Z6																							
							U211, Sulignano / Heßberger, 36S (ECR), 4.5-5.9, 8.6, 11.4, 100 pnA, 5 Hz, Y7																							
a) 238U, FRS			b) SMAT, U, HTA	B, Mustafin, 238U (MEVVA), 1GeV/u 3E9/pulse, HHD							S000, machine experiments																			
c) U 28+	E069, Hagmann, 238U (MEVVA), ESR						E046, Stöhlker, 238U (MEVVA), ESR																							
						S331, Mintsev/Varentsov, U (MEVVA), 200-500 MeV/u, max. (>1e9), SIS cooler, bunch compression, HHT																							
							S000 U73+ SIS																							

Allocated blocks include the accelerator tuning time

a) E073, Musumarra/Nociforo, 238U (MEVVA), 400-1000 MeV/u, 1e9/spill, SIS cooler, vacuum at S2, FRS
b) SMAT, C. Trautmann, 238U (MEVVA), 200 MeV/u, 1E9/spill, HTA
c) E056, Dubois/Stöhlker, U28+, 10-60 MeV/u, moderate intens., ESR / jet target

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Tuesday, 24 June, 2008 11:41

Block 3 / 2008	Juni 2008	Schedule as of 15-Apr-2008

W	Week 23							Week 24							Week 25							Week 26						W
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
																								UNILAC start		UMAT, C. Trautmann, Ta (PIG), 11.4 MeV/u, 5Hz, X0			
																								SIS start		S293, Boudard/ Kelic, Ta (PIG), 1000, 500, 300 MeV/u, 2E3 /s on target, FRS- S4			

Allocated blocks include the accelerator tuning time

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Tuesday, 15 April, 2008 18:41

Block 3 / 2008	Juli 2008	Schedule as of 20-Mai-2008

Week 27						Week 28							Week 29							Week 30							Week 31			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
U235, Heredia/Hofmann, Ca-40 (PIG), 4-5, 1000 pnA, 5.5 ms, Y7			U229, Andreyev/Hofmann, 40Ca (PIG), ~5MeV/u, 1000 pnA, Y7			U181, Andreyev/Hofmann S., 40Ca (PIG), ~5 MeV/u, 1000 pnA, Y7							U219, Schädel, 22Ne (PIG), 5.5 - 6.5 MeV/u, 2 pµA (DC), 5 ms, 50 Hz, X8																		
UBIO, Scholz, 124Xe, 11.4 MeV, X6			U229, Mann, copy of Y7, 1Hz, X4			UBIO, Scholz, 12C, 11.4 MeV, X6			U181, Mann, copy of Y7, 1Hz, X4				U233, S. Hofmann, 22Ne (PIG), 5.2 MeV/u, 1-10 pnA, 5 Hz, Y7																		
Therapy, Haberer, 12C (EZR), HTM																													d)	f)
B, 12C, 100-400 MeV/u, HTA			S352, Blazhev/Gorska, 124Xe3+(MUCIS), 800 MeV/u, >=4e9/spill, 4 s extraction, FRS-S4											a) 12C, 800 MeV/u, FRS-HTC			SBIO, Scholz, 12C, therapy conditions, HTM									c) 132Xe, HTA		e)	
S331, Mintsev/Varentsov, 124Xe (MUCIS), 200-500 MeV/u, >4E9/spill, preferably SIS cooler, HHT																STHE_PT08, Schardt, 12C, 100-400 MeV/u, 1e3-1e6/spill, HTA			b) 12C, 1,7GeV, HAD			S341, Enders/Weick, 12C, 800 MeV/u, 10^9/spill, HFS						

Allocated blocks include the accelerator tuning time

a) S245, Boretzky/Aumann, 12C (EZR), 800 MeV/u, slow extr., FRS-HTC

b) S333, Salabura/Stroth, Traxler, Pietraszko, 12C, 2GeV/u, extraction 8s, days only, HAD

c) SMAT, Trautmann, 132Xe (MUCIS), 500 MeV/u, HTA

d) SBIO, Scholz, 132Xe (MUCIS), 500 MeV/u, HTA

e) E000, Steck, 132Xe (MUCIS), 500 MeV/u, ESR

f) E077/E082, Litvinov, 132Xe, 500 MeV/u, 1e9 p/spill, ESR cooler, stoch. precooling, fast extraction, ESR

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Monday, 30 June, 2008 16:17

Block 3 / 2008	August 2008	Schedule as of 20-Mai-2008

Week 31			Week 32							Week 33							Week 34							Week 35						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
U219, Schädel, 48Ca(ECR), 4.9 MeV/u, 1 pµA (DC), 5 ms, 50 Hz, X8			U238 , Block, 48Ca (ECR) , 5 MeV/u, >1000pnA, 50Hz , 5ms, Y7									U222, Plaß/Block, 36Ar (ECR) , 5 MeV/u, >1000pnA, 50Hz , 5ms, Y7											UMAT, Voss, 197Au (PIG), 4.8MeV/u, 50Hz, long pulses, X0				UMAT, C. Trautmann, 197Au (PIG), 11.4 MeV/u, 50Hz, X0					
	a) 48Ca, 5 MeV, Y7		U219, Schädel, 48Ca(ECR), 4.9 MeV/u, 1 pµA (DC), 5 ms, 5 Hz, X8									U226, Roth/Blazevic, 36Ar, mean charge state (16+,Z6 post stripper), 4,0 MeV/u, 500 pA, Z6																		
E077/E082, Litvinov, 132Xe, 500 MeV/u, >1e9 p/spill, ESR cooler, stoch. precooling, fast extraction, ESR															E082, Au, 500 MeV/u, ESR		b) 40Ar (MUCIS), SIS			S000, 40Ar (MUCIS) machine exp.		e) 40Ar FRS-HTC		S327, Boretzky/Aumann, 36Ar (MUCIS), 800 MeV/u, 1e10/spill, slow extr., FRS-HTC						
			S000 132 Xe, 200 MeV/u days only															c)	d) 6Li 3+ (ECR), 2000 MeV/u, nights, HTA						E075, Kester, 197Au (PIG), 4 MeV/u, 1E6/cycle (ESR), Cooling and deceleration in ESR, HITRAP						

Allocated blocks include the accelerator tuning time
a) U238, Block, 48Ca (ECR) , 5 MeV/u, >1000pnA, 50Hz , 5ms, Y7
b) S317, Hofmann/Franchetti, 40Ar (MUCIS), 11.4 MeV/u, space charge limit, days only, SIS/UNILAC
c) S327, Boretzky/Aumann, 40Ar (MUCIS), 800 MeV/u, slow extr., nights only, FRS-HTC
d) S319, Saito, 6Li 3+ (ECR), 2000 MeV/u, 1e7/spill, 2 s acceleration, 8 s extraction, nights only, HTA
e) S327, Boretzky/Aumann, 40Ar (MUCIS), 800 MeV/u, slow extr., FRS-HTC

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Wednesday, 20 August, 2008 14:03

Block 4 / 2008	September 2008	Schedule as of 12-Sep-2008

Week 36							Week 37							Week 38							Week 39							Week
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
									U233, Hofmann, 64 Ni (EZR), 5 MeV/u, 1 puA, Y7																			
											a) U233, X4			UMAT, C.Trautmann, 64Ni, 11.4 MeV/u, long pulses (4 ms), X0				UBIO, Scholz, Ni, 11.4 MeV, X6			a) U233, X4			UBIO, Scholz, Ni, 11.4 MeV, X6		a) U233, X4			
				b)	breakdown of injection septum												S333, Salabura/Stroth, Traxler, Pietraszko, p (MUCIS), 3.5GeV/u, 10e7 / s, extraction time as long as possible, HAD														
																	S349, Fabbietti/Leifels, p, 3 GeV, 1e8/spill, block mode, HTB				S310, Balabanski, Hass / Gerl, Gorska, 64Ni, 600 MeV/u, 1E9/spill, slow extraction (4 s), FRS						S366, Heuser/Niebur, p, 3,5 GeV, long extraction, 10 s, HTD			

Allocated blocks include the accelerator tuning time

a) U233, Mann, 64 Ni (EZR), copy of Y7 machine for periodic energy control, 1 Hz, X4
b) S000, 181Ta (MEVVA) machine experiments

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Friday, 26 September, 2008 14:14

Block 4 / 2008 — Oktober 2008 — Schedule as of 26-Sep-2008

Week 40					Week 41							Week 42							Week 43							Week 44				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
U233, Hofmann, 64 Ni (EZR), 5 MeV/u, 1 puA, Y7																														
U233, Mann, 64 Ni (EZR), 1 Hz, X4										c) Ni, X2			U219, Schädel/Schädel, 64Ni (EZR), 4-6 MeV/u, 1 pµA (DC), 5 ms, 5 Hz, X8					d) Ni, X0											
S333, Salabura/Stroth, Traxler, Pietraszko, p (MUCIS), 3.5GeV/u, 10e7 / s, extraction time as long as possible, HAD																														
S349, Fabbietti /Leifels, p, 3 GeV, 1e8/spill, block mode, HTB					E075, Kester, 64Ni (EZR), 4 MeV/u, 1E6/cycle (ESR), Cooling and deceleration in ESR, HITRAP							Forster, p, 150, 220, 400, 600 MeV/u, 10^9/s, (days only)HTB			a) 64Ni, 600 MeV/u FRS															
											E000, Steck, 64 Ni(EZR), 400 MeV/u, ESR						b) HTC														

Allocated blocks include the accelerator tuning time

a) S310, Balabanski, Hass/Gerl,Gorska, 64Ni, 600 MeV/u, 1E9/spill, slow extraction (4 s), FRS
b) S357, Ducret, 64Ni, 1 GeV/u, 1000/spill, 10 s extraction, HTC
c) B, Forck, Guetlich, 64Ni (EZR), 11,4 MeV/u, max. intens., X2
d) UMAT, C.Trautmann/Voss 64Ni (EZR), 11,4 MeV/u, X0

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Wednesday, 15 October, 2008 12:35