

Operation Schedule from Oct. to Dec. 2022

Ver. June 24, 2022

	SUN	MON	TUE	WED	THU	FRI	SAT
	9 17	9 17	9 17	9 17	9 17	9 17	9 17

	9/11	9/12	9/13	9/14	9/15	9/16	9/17
LINAC						E E	E E E
PF							
PF-AR							
energy							
SKEKB							

Linac: 9/16 Start (25 Hz operation)
SKEKB: stopped state

	9/18	9/19	9/20	9/21	9/22	9/23	9/24
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF							
injection mode							
PF-AR							
energy							
SKEKB							

	9/25	9/26	9/27	9/28	9/29	9/30	10/1
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF							
injection mode							
PF-AR							
energy							
SKEKB							

Linac: 9/28 Linac maintenance

	10/2	10/3	10/4	10/5	10/6	10/7	10/8
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF			T/M T/M	T/M T/M T/M	T/M T/M T/M	T/M T/M E/M	E/M E E
injection mode							
PF-AR							
energy						Limit Limit	Limit Limit Limit
SKEKB							

PF ring: 10/7 17:00 Beam alignment
--> User run (Multi-bunch mode)
SPF: 10/7 17:00 User run

	10/9	10/10	10/11	10/12	10/13	10/14	10/15
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B E E	E E E	E E E
injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S S S S S	S S S S S S	S S S S S S
PF-AR	Limit Limit Limit	Limit Limit Limit	Limit Limit Limit	Limit T/M T/M	T/M T/M T/M	T/M T/M T/M	T/M T/M T/M
energy							
SKEKB							

	10/16	10/17	10/18	10/19	10/20	10/21	10/22
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B E E	E E E	E E E
injection mode	S S S S S S	S S T T T T	T T T T T T	T T S S S S	S S T T T T	T T T T T T	T T T T T T
PF-AR	T/M T/M T/M	T/M E E E	E E E E	E B B	B E E E	E E E E	E E E E
energy		L L L L L	L L L L L L	L L L L L L	L L L L L L	L L L L L L	L L L L L L
SKEKB							

Linac: 10/19 Linac maintenance
PF-AR: 10/17 9:00 Beam alignment
--> User run (5 GeV)

	10/23	10/24	10/25	10/26	10/27	10/28	10/29
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B M M	M E E	E E E
injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR	E E E	E E E	E E E	E B B	B M M	M E E	E E E
energy	L L L L L L	L L L L L L	L L L L L L	L L L L L L	L L	L L L L L L	L L L L L L
SKEKB							

Linac: 10/26 Linac maintenance
PF ring: 10/27 Ring machine study
PF-AR: 10/27 Ring machine study

	10/30	10/31	11/1	11/2	11/3	11/4	11/5
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B E E	E E E	E E E
injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR	E E E	E E E	E E E	E B B	B E E	E E E	E E E
energy	L L L L L L	L L L L L L	L L L L L L	L L L L L L	L L L L L L	L L L L L L	L L L L L L
SKEKB		MR-BT Keep out					

MR-BT: 10/31-11/6 Keep out

T/M: tuning and machine study, M: machine study, MA: short maintenance
E: experiment using beam, B: bonus time (Linac study has the priority after injection to PF & PF-AR),
HB: hybrid mode operation (solo 30 + train 420 mA)
PF-AR energy L: 5 GeV, H: 6.5 GeV
PF injection mode S: storage mode, T: top-up operation

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	SUN	MON	TUE	WED	THU	FRI	SAT
	9 17	9 17	9 17	9 17	9 17	9 17	9 17

	11/6	11/7	11/8	11/9	11/10	11/11	11/12
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	E E E	E M M	M E E	E B B	B E E	E E E	E E E
PF-AR injection mode	T T T T T	T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR energy	L L L L L	L L	M M M	M M M	M M M	M E E	E E E
SKEKB	→					H H H H	H H H H H

PF ring: 11/7 Ring machine study
 PF-AR:
 11/7 Ring machine study (5 GeV)
 11/8,9 Change in ring energy
 11/10 Ring machine study (6.5 GeV)
 11/11 9:00 Beam alignment
 --> User run (6.5 GeV)

	11/13	11/14	11/15	11/16	11/17	11/18	11/19
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B M M	M E E	E E E
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR energy	E E E	E E E	E E E	E B E	E E E	E E E	E E E
SKEKB	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H

Linac: 11/16 Linac maintenance
 PF ring: 11/17 Ring machine study

	11/20	11/21	11/22	11/23	11/24	11/25	11/26
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B E E	E E E	E E E
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR energy	E E E	E E E	E E E	E B B	B M M	M E E	E E E
SKEKB	H H H H H	H H H H H	H H H H H	H H H H H	H H	H H H H	H H H H H

PF-AR:
 11/24 Ring machine study (6.5GeV)

	11/27	11/28	11/29	11/30	12/1	12/2	12/3
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF	E E E	E E E	E E E	E B B	B M M	M HB HB	HB HB HB
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S S S S	S S T T T T	T T T T T	T T T T T
PF-AR energy	E E E	E E E	E E E	E B B	B E E	E E E	E E E
SKEKB	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H	H H H H H

Linac: 11/30 Linac maintenance
 PF ring:
 12/1 Change in operation mode
 12/2 9:00 Beam alignment (HB)
 --> User run (Hybrid mode)

	12/4	12/5	12/6	12/7	12/8	12/9	12/10
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S/T S/T S/T	S/T S/T T T T	T T T T T	T T T T T
PF-AR energy	E E E	E					
SKEKB	H H H H H	H H					

PF-AR: 12/5 9:00 Stop

	12/11	12/12	12/13	12/14	12/15	12/16	12/17
LINAC	E E E	E E E	E E E	E MA M	M E E	E E E	E E E
PF	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB M M	M M HB	HB HB HB
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S S S/T S/T	S/T S/T T	T T T T T	T T T T T
PF-AR energy							
SKEKB							

Linac: 12/14 Linac maintenance
 PF ring:
 12/15, 16A Ring machine study
 12/16 17:00 User run (HB)

	12/18	12/19	12/20	12/21	12/22	12/23	12/24
LINAC	E E E	E E E	E E E	E M M	M E E	E E E	E E E
PF	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB	HB HB HB
PF-AR injection mode	T T T T T	T T T T T	T T T T T	T T S/T S/T S/T	S/T S/T T T	T T T T T	T T T T T
PF-AR energy							
SKEKB							

	12/25	12/26	12/27	12/28	12/29	12/30	12/31
LINAC	E E E	E E E	E E E	E			
PF	HB HB HB	HB					
PF-AR injection mode	T T T T T	T T					
PF-AR energy							
SKEKB							

Linac: 12/28 9:00 Stop
 PF ring, SPF: 12/26 9:00 Stop

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