RS

October 12, 2023
ver. 1.5

LHC Schedule 2023
Version 1.0 was approved at the Research Board of 7 December 2022

LHC hand-over

LHC, TI2. TI8 and experiments closed

Start Beam Commissioning

Jan		Feb						Mar				Apr
Wk 1	2	3	4	5	6	7	8	9	10	11	12	13
Mo 2	Control System admin. days	9	16	23	30	6	13	20	27	6 13	20	27
Tu Annual Closure										Hardware re-commissioning	Machine checkout	
We												
Th Control System admin. days					YETS							
Fr									DSO test			
Sa												
Su												

First Stable beams

Collisions with 1200 bunches

May						Jun					Jul
Wk 14	15	16	17	18	19	20	21	22	23	24	25	26
Mo 3	Easter 10	17	24	1st May 1	8	15	22	Whitsun 29	5	12	19	26
Tu			Scrubbing									VdM 1
We Re-commissioning with beam										MD 1	TS1	
Th					Ascension							
Fr G. Fri.			Interleaved commissioning & intensity ramp up									
Sa												
Su											90m run	

SPS HiRadMat

p-p ref setup

Aug							Sep				Oct
Wk 27	28	29	30	31	32	33	34	35	36	37	38	39
Mo 3	10	17	24	31	7	14	21	28	collisions injection 4	High β run 11	High β run 18	25
Tu							Machine checkout	High β run		p-p ref	
We		Unscheduled stop Cold mass - insulation vacuum leak repair					Powering tests	VdM 2 Recomm with beam		cryo reconfig	LHC Pb- Pb Ion run
Th									Jeune G.		
Fr								High β setup	High β run	High β run	Ion setting up	VIP
Sa								p-p ref setup			
Su											

End of run [06:00]

Nov				Dec							
Wk 40	41	42	43	44	45	46	47	48	49	50	51	52
Mo 2	9	16	23	MD2b 30	6	13	20	27	4	11	18	Xmas 25
Tu												p-p r
We		MD2a										
Th	LHC Pb- Pb Ion run					YETS						Annual Closure
Fr												
Sa VIP												
Su												

Legend

- Technical Stop
- Machine development (incl. floating)
- HW Commissioning, Powering Tests, Magnet Training
- Scrubbing
- Machine check out
- Pb - Pb Ion physics run
- Recommissoning with beam
- Pb Ion or p - p reference setting up
- Interleaved commissioning & intensity ramp up
- p - p reference run
- Proton physics run
- LINAC 3 Pb oven re-fill
- Special physics runs (place holders)
- SPS HiRadMat Run & reserve (08:00 - 24:00)