

PS							
Machine Coordinator last week		Alex Huschauer					
Machine Coordinator this week		Alex Lasheen					
Beam Scheduled							
East Area	Yes	nTOF	Yes	AD	Yes	SPS	Yes
Beam Availability by Destination (AFT)							
AD	98.1%	EA N	97.6%	EA T8	97.6%	EA T9	97.6%
nTOF	98.2%	SPS	98.1%				
Facility Status							
Summary	<ul style="list-style-type: none"> - AWAKE cycle for HiRadMat prepared at 3.5e11 ppb with transverse emittances of 2.7, 2.2 um at extraction - AD: FTA studies continue - EAST beams delivered and harmonisation of settings between the variants ongoing - Continued delivery of scrubbing (up to 2.4e11 ppb) and LHC single bunch beams - Delivered 8b4e and 36b standard beams for tests of the dedicated filling cycle - Delivering SFTPRO for NA commissioning (another iteration of energy matching done over the weekend, trajectories adjusted) - TOF delivered at 40 ns during the week (working point adjustments and investigations of beam loss ongoing on MD cycle) - Transverse emittance measurements at LIU intensity: <ul style="list-style-type: none"> - LIU brightness reached for the first time ever at 2.6e11 on 48b and 72b (~1.9 um average emittance) - 8b4e even brighter (~1.6 um average emittance) - MDs started 						
Issues	<ul style="list-style-type: none"> - Problems with recurrent KFA71 trips continue (mainly module 12 for which also the rise time is too long) → experts aware and working - SPS frequently reported extraction jitter, most likely linked to issues with 80 MHz cavities (ongoing trips of C80-89 – LLRF problem suspected by the piquet, power supply replaced for C80-88 on Friday) - SMH57 tripped with temperature fast abort, likely related to the settings adjustment done over the weekend. Discussion with expert on Monday, until then interlock threshold set higher. 						
Plans	<ul style="list-style-type: none"> - Continue improvements on TOF cycle and push intensity of parasitic bunches - Polishing of all beams 						
Intervention Request							
Yes	Duration	2h		Preferred date/time	-		
Reason	FINEMET cavity amplifier replacement						
Impact	Non-blocking, can be done in the shadow of other interventions						