

Machine Studies

Schedule for Run2-1,2003

May 22nd, 0800 - May 28, 0800

Time	Descriptions	Studiers	SRStatus
Thursday, 05/22/03			
0800-1600	Setup low emittance lattice	Emery Sajaev	Stored beam and injection
0800-1000	Test newly configured SR tune system	Yao Gold	Stored beam and injection
1600-2000	BTS optics	Emery Serenio	Stored beam and injection
2000-2400	BPLD/DBPLD validation	Pietryla	Stored beam and injection
Friday, 05/23/03			
0000-0800	BPM commissioning and reconfiguration	Decker	Stored beam and injection
0800-1600	Linac energy gain measurement (injection may be needed)	Lewellen	Stored beam and injection
0800-0900	Response matrix measurement	Sajaev	Stored beam and injection
0900-1100	Beta-function correction #1	Sajaev	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
1100-1500	CPU adjustment for Vplane	Vasserman Emery	Stored beam and injection
1500-1700	Canted undulator magnet commissioning	Emery	Stored beam and injection
1700-2100	Canted undulator photon conditioning	Emery	Stored beam and injection
2100-2400	2ID BPLD test under 324 bunch pattern	Pietryla	Stored beam and injection
Saturday, 05/24/03			
0000-0800	BPM test and orbit recovery	Hahne Erwin	Stored beam and injection
0800-1600	324-bunch bpm cogging refinement	Decker	Stored beam and injection
1600-2000	Studies time available		Stored beam and injection
2000-2400	Single bunch driving impedance	Harkay Chae	Stored beam and injection
Sunday, 05/25/03			
0000-0400	S35 beamline setup	Yang	Stored beam and injection
0400-0800	Beta-function correction	Sajaev	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0800-1200	Steer lower emittance lattice with higher RF frequency	Emery	Stored beam and injection
1200-1600	Implement RTFB with new bpms and new software.	Emery Shang	Stored beam and injection
1600-2400	To be determined		Stored beam and injection
Monday, 05/26/03			
0000-0400	To be determined		Stored beam and injection
0400-0800	Multibunch instability #1	Harkay	Stored beam and injection
0800-1200	Multibunch instability #2	Harkay	Stored beam and injection
1200-1800	Single bunch instability	Chae Harkay Yang	Stored beam and injection
1800-2400	BPM test and orbit restore	Singh Hahne Erwin	Stored beam and injection
Tuesday, 05/27/03			
0000-0700	BPM test and orbit restore	Singh Hahne Erwin	Stored beam and injection
0800-1600	PC gun checkout (parasitic)	Lewellen	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0700-1100	CPU adjustment for Vplane	Vasserman Emery	Stored beam and injection
1100-1200	Testing EPICS displays at 23ID and 31ID, will close and open shutters	Behrndt	Stored beam and injection
1100-1700	Drive amplifier phase matching, beam excitation, bpm history, and S35 pinhole imaging	Yao Chae Gold Yang Lumpkin	Stored beam and injection
1700-1800	Beta-function correction #2	Sajaev	Stored beam and injection
1800-2400	Local impedance studies	Sajaev	Stored beam and injection
Wednesday, 05/28/03			
0000-0400	Characterize injection effects on stored beam	Emery	Stored beam and injection
0400-0700	Measure SR pulsed magnet jitter on injec- tor trajectory for MIA analysis	Emery	Stored beam and injection
0700-0800	324 bunch-low emittance-non-top user beam	OPS Yao	Stored beam and injection