

LHC PERFORMANCE WORKSHOP (Chamonix 2014) – 22-25 September

Monday 22 September 2014

Session 1 - LS1, HW Commissioning, Powering Tests and Cold Check-out - Coming out of LS1 (09:00-12:30)

[Chair: Mirko Pojer; Scientific secretary: Laurette Ponce]

09:00	Non-conformities (solved and pending) on the Superconducting Circuits	VERWEIJ, Arjan
09:20	Questions	
09:30	Re-commissioning of the Superconducting Circuits	SOLFAROLI CAMILLOCCI, Matteo
09:50	Questions	
10:00	Other Non-solved NC's across the LHC Ring and Potential Impact on Performance	BAGLIN, Vincent
10:20	Questions	
10:30	Coffee break	
11:00	Heat Load and Impedance	SALVANT, Benoit
11:20	Questions	
11:30	ADT and RF after LS1	VALUCH, Daniel
11:50	Questions	
12:00	LBDS and Kickers after LS1	BARTMANN, Wolfgang
12:20	Questions	

Session 2 - Injector Status and Beams for LHC, Dry Runs, Sector Tests with Beam (16:00-19:00)

[Chair: Rende Steerenberg; Scientific Secretary: Reyes Alemany Fernandez]

16:00	LHC Injectors Complex Status	HANKE, Klaus
16:30	Questions	
16:45	SPS Scrubbing 2014	RUMOLO, Giovanni IADAROLA, Giovanni
17:05	Questions	
17:15	Operational Beams for the LHC	PAPAPHILIPPOU, Yannis
17:45	Questions	
18:00	LHC Dry-Runs and Cold Check-out	JACQUET, Delphine
18:30	LHC Sector Test	ALEMANY FERNANDEZ, Reyes
18:50	Questions	

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Session 3 - 2015 Commissioning with Beam (09:00-12:30)

[Chair: Mike Lamont; Scientific secretary: Giulia Papotti]

09:00	Introduction	LAMONT, Mike
09:10	Experiments' Expectations for 2015	MESCHI, Emilio
09:30	Questions	
09:40	Baseline Machine Parameters and Configuration for 2015	BRUCE, Roderik
10:00	Questions	
10:10	Coffee break	
10:40	Optics options for the 2015 LHC run	GIOVANNOZZI, Massimo
11:00	Questions	
11:10	Nominal Cycle and Options	SOLFAROLI CAMILLOCCI, Matteo
11:30	Questions	
11:40	Scrubbing: Expectations and Strategy, Long Range Perspective	IADAROLA, Giovanni
12:05	Questions	

Session 4 - LHC: Challenges and Strategy for Run2 (16:00-19:05)

[Chair: Markus Zerlauth; Scientific secretary: Belen Maria Salvachua Ferrando]

16:00	Strategy for First Two Months (commissioning to first stable beams)	REDAELLI, Stefano
16:20	Questions	
16:30	Overall Strategy for Run 2	WENNINGER, Jorg
16:50	Questions	
17:00	MPS Strategy for Commissioning and Operation	SALVACHUA FERRANDO, Belen Maria
17:20	Questions	
17:30	Machine Development Priorities	UYTHOVEN, Jan
17:50	Questions	
18:00	BLM Threshold Strategy (vs UFOs and Quenches)	AUCHMANN, Bernhard
18:20	Questions	
18:30	R2E and Availability	BRUGGER, Markus
18:50	Questions	

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Wednesday 24 September 2014

Session 5 - LIU (09:00-12:30)

[Chairs: Malika Meddahi, Giovanni Rumolo]

09:00	LINAC 4: Progress on Hardware and Beam Commissioning	LOMBARDI, Alessandra
09:30	Questions	
09:40	Protons: Baseline and Alternatives, Studies Plan	RUMOLO, Giovanni
10:10	Questions	
10:20	Coffee break	
10:50	Concerns with Low Emittance Beams Operation	KAIN, Verena
11:10	Questions	
11:20	Other Means to increase the SPS 25 ns Performance - Transverse Plane	BARTOSIK, Hannes
11:30	Questions	
11:40	Other Means to Increase the SPS 25 ns Performance - Longitudinal Plane	ARGYROPOULOS, Theodoros
11:55	Questions	
12:05	Ions: Baseline, Studies Plan and Strategy for Pending Options	BODENDORFER, Michael Andreas
12:20	Questions	

Session 6 - HL-LHC (16:00-19:00)

[Chair: Oliver Bruning; Scientific secretary: Paolo Ferracin]

16:00	HL-LHC Parameter and Lay-out Baseline	ZERLAUTH, Markus FESSIA, Paolo
16:20	Questions	
16:30	HL-LHC Magnet Roadmap	TODESCO, Ezio
16:50	Questions	
17:00	HL-LHC RF Roadmap	CALAGA, Rama
17:20	Questions	
17:30	HL-LHC alternative scenarios, parameters and lay-out	TOMAS GARCIA, Rogelio
17:50	Questions	
18:00	Collimation and MP Roadmap	REDAELLI, Stefano
18:20	Questions	
18:30	Down Selection Criteria and MDs Prior to LS3	ARDUINI, Gianluigi
18:50	Questions	

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Thursday 25 September 2014

Session 7 - Accelerators and non LHC Experiment Areas Consolidation up to LS3

(09:00-12:40)

[Chairs: Michael Benedikt, Florian Sonnemann

09:00	Linacs	SCRIVENS, Richard
09:15	Questions	
09:20	PSB + PS	GILARDONI, Simone
09:50	Questions	
10:00	SPS + Transfer Lines	RIDEWOOD, James
10:30	Questions	
10:40	Coffee break	
11:10	AD + LEIR	ERIKSSON, Tommy
11:30	Questions	
11:40	NA + EA	FABICH, Adrian
12:00	Questions	
12:10	nTof Isolde	CATHERALL, Richard
12:30	Questions	

Session 8 - Long Shutdown 2 Strategy and Preparation (14:00-17:35)

[Chair: José Miguel Jiménez; Scientific secretary: Jean-Philippe Tock]

14:00	Scope of the Long Shutdown 2 (optimisation of the period 2015-2018)	JIMÉNEZ, José Miguel
14:10	Questions	
14:15	What has been learnt from LS1	FORAZ, Katy
14:35	Questions	
14:45	Safety & Radiation Aspects	FORKEL-WIRTH, Doris
15:00	Questions	
15:10	LIU Planned Activities	COUPARD, Julie
15:30	Questions	
15:40	Coffee break	
16:10	HL-LHC Planned Activities - Accelerator	BEJAR ALONSO, Isabel
16:30	Questions	
16:40	LHC Experiments Upgrade and Maintenance	RIEGLER, Werner
17:00	Questions	
17:10	LHC @ LS2	BERNARDINI, Marzia
17:25	Questions	