

## 6th HL-LHC Collaboration Meeting - Parallel sessions

Draft programme 21.07.16

Tuesday	Room 1: 100min for 4 talks = 25min/ talk	Speaker	Room 2:	Speaker	Room 3:	Speaker	Room 4:	Speaker
17-Nov	<b>WP2/3/6/9</b>		<b>WP5/7/8/10/14: 100min for 4 talks = 25min/ talk</b>		<b>Free</b>		<b>WP4/9/12/13/17: 100min for 4 talks = 25min/ talk</b>	
09:00	Power Converter requirements Expected beam induced heat load in BS Available cooling power for beam screens Heat loads and radiation due to L in Triplets and MS	D. Gamba G. Iadarola S. Claudet F. Cerutti	Magnet component damage due to impact Impact of QH firing and CLIQ on beam Injection / dump failures Collimation for HL-LHC					
10:40	Coffee Break							
11:00	<b>WP2 and WP3: 120min for 4 talks = 30min / talk</b>		<b>WP7 and WP10: 120min for 6 talks = 20min/ talk</b>		<b>WP5: 120min for 6 talks = 20min/ talk</b>		<b>WP2/3/6a/6b/7/11: 120min for 6 talks = 20min/ talk</b>	
	Field Quality and DA Linear optics measurements and corrections Non-linear IR corrections Beam-beam simulations and op. scenarios	M. Giovannozzi J. Coello E.H. MaClean Y. Pappaphilippou X. Buffat	Extrapolation from 2016 performance Expected impact of R2E on availability Availability studies of cryogenic system Reliability analysis of QP for Triplets Gain in integrated L v CC Overview / ideas for interlock architecture	A. Apolonio S. Uznanski S. Claudet A.M.F. Navarro D. Wollmann J. Uythoven			Triplet circuit 11T dipole in main circuit Triplet corrector circuits Superferric HO correctors D1 circuit D2 circuit	
13:00	Lunch Break							
14:30	<b>WP2/5/13: 90min for 4 talks = 20min / talk + 10 min discussion</b>		<b>WP4: 90min for 4 talks = 22min / talk</b>		<b>WP10: 90min for 4 talks = 22min / talk</b>		<b>WP2/3/6a/6b/7/11: 90min for 2 talks = 20min / talk + ?</b>	
	e-lenses for hollow beam collimation Beam Dynamics aspects of hollow e-lens Status of Wire-in-jaw collimator for BBLR comp. BBLR experimental plan	G. Stancari M. Fitterer A. Rossi A. Valishev					Q4, Q5, Q6 and their corrector circuits Status of protection hardware	
16:00	Coffee Break							
16:20	<b>WP2/4/8/5/7: 100min for 4 talks = 25min/talk</b>		<b>WP6a: 100min for 4 talks = 25min/talk</b>		<b>WP3: 100min for 4 talks = 25min/talk</b>		<b>WP13: 100min for 6 talks = 15min/talk</b>	
	CC failure modes and mitigation Transverse damping requirements SPS WBFB performance Long. Stability and long. Parameters	H. Burkhard E. Metral J. Fox E. Shaposhnikova					Advances with E/O BPM GasJet monitor for non-invasive beam size Using liminence to determine beam shape Halo diagnostics using coronagraph Scintillators for L monitor Status & Plans for cryo BLMs	RHUL Liverpool GSI G. Trad E. Bravin B. Holzer
18:00	Session end							