

3rd Joint HiLumi LHC-LARP Annual Meeting



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 11 November 2013 14:00 (10 minutes)

Presenter: CHATTOPADHYAY, Swapan (Cockcroft Institute, UK)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 1

Type: **not specified**

Daresbury and UK activity for HL-LHC (25'+5')

Monday, 11 November 2013 14:10 (30 minutes)

Presenter: BLAIR, Grahame (Royal Holloway, Univ. of London)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 2

Type: **not specified**

CERN vision for Physics at higher luminosity and higher energy (25'+5')

Monday, 11 November 2013 14:40 (30 minutes)

Presenter: BERTOLUCCI, Sergio (CERN)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 3

Type: **not specified**

The High Luminosity LHC Project (25'+5')

Monday, 11 November 2013 15:10 (30 minutes)

Presenter: ROSSI, Lucio (CERN)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 4

Type: **not specified**

The LHC Detector Upgrade for High Luminosity Physics (25'+5')

Monday, 11 November 2013 15:40 (30 minutes)

Presenter: BERTOLUCCI, Sergio (CERN)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 5

Type: **not specified**

The USA effort for HL-LHC (25'+5')

Monday, 11 November 2013 16:30 (30 minutes)

Presenter: HENDERSON, Stuart (FNAL)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 6

Type: **not specified**

The Japan effort for HL-LHC (25'+5')

Monday, 11 November 2013 17:00 (30 minutes)

Presenter: SUZUKI, Atsuto (KEK)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 7

Type: **not specified**

The CERN programme for LHC operation and upgrade (25'+5')

Monday, 11 November 2013 17:30 (30 minutes)

Presenter: BORDRY, Frederick (CERN)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 8

Type: **not specified**

Open discussion

Monday, 11 November 2013 18:00 (15 minutes)

Session Classification: HL-LHC Kick-off Plenary Session

Contribution ID: 9

Type: **not specified**

Presentation on 2013 PLC topics, documentation, open issues (e.g. CC installation underground and space requirements) and plans for 2014 (25'+5')

Tuesday, 12 November 2013 09:00 (30 minutes)

Presenter: ZERLAUTH, Markus (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 10

Type: **not specified**

Presentation on IR1 & IR5 layout configuration for HL-LHC (including references to documentation and optics configurations [round and flat optics]) (25'+5')

Tuesday, 12 November 2013 09:30 (30 minutes)

Presenter: DE MARIA, Riccardo (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 11

Type: **not specified**

Magnet status and open issues (25'+5')

Tuesday, 12 November 2013 10:00 (30 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 12

Type: **not specified**

**Heat deposition, beam screen, and MS layout
implications for different optics configurations (flat
versus round beam, TAN design and losses to CC)
(20'+5')**

Tuesday, 12 November 2013 11:00 (25 minutes)

Presenter: CERUTTI, Francesco (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 13

Type: **not specified**

Cooling configuration in IR1 and IR5 based on the present layout (20'+5')

Tuesday, 12 November 2013 11:25 (25 minutes)

Presenter: VAN WEELDEREN, Rob (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 14

Type: **not specified**

**Report on the outcome of the RLIUP and ECFA
workshop (shutdown planning, upgrade scenarios
and staging etc.) with resulting variation options of
the HL-LHC parameter stes (20'+5')**

Tuesday, 12 November 2013 11:50 (25 minutes)

Presenters: ARDUINI, Gianluigi (CERN); BRUNING, Oliver (CERN)

Session Classification: Plenary Session: Parameter & Lay-out Committee

Contribution ID: 15

Type: **not specified**

Presentation on the LIU project with a summary of their RunI performance and projections for RunII (BCMS) with an outline of outstanding tests and improvements (20'+5')

Thursday, 14 November 2013 16:25 (25 minutes)

Presenter: GILARDONI, Simone (CERN)

Session Classification: Plenary summary session

Contribution ID: 16

Type: **not specified**

WBS of HL-LHC: Structure, types of document, tools (example, use beam dump) (30'+5')

Tuesday, 12 November 2013 14:00 (35 minutes)

Presenter: BEJAR ALONSO, Isabel (CERN)

Session Classification: Topical Session: from R&D to Construction Project

Contribution ID: 17

Type: **not specified**

RF baseline and open issues (200MHz, 800MHz, possible wideband feedback system and crab cavities) (25'+5')

Tuesday, 12 November 2013 14:35 (30 minutes)

Presenter: JENSEN, Erk (CERN)

Session Classification: Topical Session: from R&D to Construction Project

Contribution ID: 19

Type: **not specified**

The collimation baseline for HL-LHC and outstanding issues (e-lens and other) (25'+5')

Tuesday, 12 November 2013 15:05 (30 minutes)

Presenter: REDAELLI, Stefano (CERN)

Session Classification: Topical Session: from R&D to Construction Project

Contribution ID: 20

Type: **not specified**

Present baseline of HL-LHC integration (25'+5')

Tuesday, 12 November 2013 15:35 (30 minutes)

Presenter: FESSIA, Paolo (CERN)

Session Classification: Topical Session: from R&D to Construction Project

Contribution ID: 23

Type: **not specified**

**Field quality requirements from dynamic aperture:
including matching section (25')
WP2+WP3+WP5+WP8+WP10**

Wednesday, 13 November 2013 09:25 (25 minutes)

SLAC

Presenter: NOSOCHKOV, Yuri

Session Classification: WP2 Joint Session

Contribution ID: 24

Type: **not specified**

Triplet Correctors specifications (20') **WP2+WP3+WP5+WP8+WP10**

Wednesday, 13 November 2013 09:50 (20 minutes)

Presenter: GIOVANNOZZI, Massimo (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 26

Type: **not specified**

Present understanding of the instabilities observed at the LHC during Run I and implications for HL-LHC (35') WP2

Wednesday, 13 November 2013 16:55 (35 minutes)

Presenter: METRAL, Elias (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 27

Type: **not specified**

Transverse impedance in the HL-LHC era (30') WP2+WP3+WP4+WP5+WP7+WP8

Wednesday, 13 November 2013 11:55 (30 minutes)

Presenter: MOUNET, Nicolas Frank (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 28

Type: **not specified**

Beam-beam studies and code development update (30') WP2

Wednesday, 13 November 2013 14:50 (30 minutes)

Presenter: PIELONI, Tatiana (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 29

Type: **not specified**

Update on strong-strong simulations for HL-LHC (impact of damper, power converters, crab cavity noise) (30') WP2+WP4

Wednesday, 13 November 2013 15:20 (30 minutes)

Presenter: PARET, Stefan

Session Classification: WP2 Joint Session

Contribution ID: 31

Type: **not specified**

Transition between injection optics and collision optics (including ATS squeeze) (25') WP2

Thursday, 14 November 2013 09:45 (25 minutes)

Presenter: KOROSTELEV, Maxim (University of Liverpool (GB))

Session Classification: WP2 Joint Session

Contribution ID: 32

Type: **not specified**

Electron cloud effects and expected limitations in the HL-LHC era (stability, heat load in existing and new components, countermeasures) (30') WP2+WP9

Wednesday, 13 November 2013 17:30 (30 minutes)

Presenter: IADAROLA, Giovanni (CERN - University of Naples Federico II)

Session Classification: WP2 Joint Session

Contribution ID: 33

Type: **not specified**

Heat load from impedance on existing and new HW in the LHC era (including effect of flat bunches) (20') WP2+WP4+WP9

Wednesday, 13 November 2013 14:00 (20 minutes)

Presenter: SALVANT, Benoit (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 34

Type: **not specified**

Requirements for ions and available solutions (20') **WP2+WP5+WP7+WP8+WP10**

Thursday, 14 November 2013 10:10 (20 minutes)

Presenter: JOWETT, John (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 35

Type: **not specified**

LARP: Making the R "silent": organization, budget, integration of GARD, and integration LARP-HiLumi LHC (20'+5')

Thursday, 14 November 2013 11:00 (25 minutes)

Presenter: APOLLINARI, Giorgio (Fermi National Accelerator Lab. (US))

Session Classification: Plenary summary session

Contribution ID: 36

Type: **not specified**

Triplet status and plans (20'+5')

Thursday, 14 November 2013 11:25 (25 minutes)

Presenter: FERRACIN, Paolo (CERN)

Session Classification: Plenary summary session

Contribution ID: 37

Type: **not specified**

The beam screen with shielding and other vacuum issues (20'+5')

Thursday, 14 November 2013 11:50 (25 minutes)

Presenter: KERSEVAN, Roberto (CERN)

Session Classification: Plenary summary session

Contribution ID: **38**

Type: **not specified**

Summary on CC: can we make a choice in 2014? (20'+5')

Thursday, 14 November 2013 14:15 (25 minutes)

Presenter: JENSEN, Erk (CERN)

Session Classification: Plenary summary session

Contribution ID: 39

Type: **not specified**

Summary on collimation: next step(s) and various options, (including consolidation) (20'+5')

Thursday, 14 November 2013 14:40 (25 minutes)

Presenter: REDAELLI, Stefano (CERN)

Session Classification: Plenary summary session

Contribution ID: 40

Type: **not specified**

Machine Protection and required availability in view of the HL-LHC goals (20'+5')

Thursday, 14 November 2013 15:05 (25 minutes)

Presenter: WOLLMANN, Daniel (CERN)

Session Classification: Plenary summary session

Contribution ID: 41

Type: **not specified**

High Bandwidth feedback system: benefits for HL-LHC (20'+5')

Thursday, 14 November 2013 15:30 (25 minutes)

Presenter: FOX, John (SLAC)

Session Classification: Plenary summary session

Contribution ID: 42

Type: **not specified**

Pile-up and its density at HL-LHC: a common view from the machine and experiments (25'+5')

Thursday, 14 November 2013 17:15 (30 minutes)

Presenter: DI GIROLAMO, Beniamino (CERN)

Session Classification: Plenary summary session

Contribution ID: 43

Type: **not specified**

News from CB, SC and close up (5'+5')

Thursday, 14 November 2013 17:45 (10 minutes)

Presenter: ROSSI, Lucio (CERN)

Session Classification: Plenary summary session

Contribution ID: 44

Type: **not specified**

Tolerances on powering, alignment and ground motion (20') WP2+WP3+WP6

Wednesday, 13 November 2013 10:10 (20 minutes)

Presenter: FITTERER, Miriam (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 45

Type: **not specified**

Alternative design of the matching section (option to increase crab cavity kicks) (25') WP2+WP4+WP3

Thursday, 14 November 2013 09:20 (25 minutes)

Presenter: DALENA, Barbara (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Session Classification: WP2 Joint Session

Contribution ID: 46

Type: **not specified**

Intensity limitations from existing and new HW in the HL-LHC era (30') WP2+WP4+WP7+WP8+WP9

Wednesday, 13 November 2013 14:20 (30 minutes)

Presenter: JONES, Rhodri (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 47

Type: **not specified**

Update on weak-strong beam beam simulations for HL-LHC (35') WP2

Wednesday, 13 November 2013 16:20 (35 minutes)

Presenter: BANFI, Danilo (Ecole Polytechnique Federale de Lausanne (CH))

Session Classification: WP2 Joint Session

Contribution ID: 48

Type: **not specified**

Summary on WP2: what is frozen and what can change (20'+5')

Thursday, 14 November 2013 16:50 (25 minutes)

Presenter: ARDUINI, Gianluigi (CERN)

Session Classification: Plenary summary session

Contribution ID: 49

Type: **not specified**

**Field quality of the HL-LHC magnets: update
including core cable in HQ and matching section
(alternative D2 designs if specifications not met) (25')
WP2+WP3+WP5+WP8+WP10**

Wednesday, 13 November 2013 09:00 (25 minutes)

Presenter: SABBI, GianLuca (LBNL)

Session Classification: WP2 Joint Session

Contribution ID: 50

Type: **not specified**

**Apertures and protection for HL-LHC layouts
(implication of tolerances and review of tolerances
based on Run I experience) for different optics
configurations (Round/flat) (30')
WP2+WP3+WP5+WP7+WP8+WP10**

Wednesday, 13 November 2013 10:55 (30 minutes)

Presenter: BRUCE, Roderik (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 51

Type: **not specified**

**Energy deposition including matching section with
latest layout version (30')
WP2+WP3+WP5+WP8+WP9+WP10**

Wednesday, 13 November 2013 11:25 (30 minutes)

Presenter: ESPOSITO, Luigi Salvatore (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 52

Type: **not specified**

**Status of the BBLR design with emphasis on MD, acc
physics questions and possible HW issues (25')
WP2+WP5+WP7**

Wednesday, 13 November 2013 12:25 (25 minutes)

Presenter: STEINHAGEN, Ralph (CERN)

Session Classification: WP2 Joint Session

Contribution ID: 53

Type: **not specified**

Modellization of fringe fields and crab cavities in SIXTRACK possibly requirements on field quality from crab cavities (20') WP2+WP4+WP3

Thursday, 14 November 2013 09:00 (20 minutes)

Presenters: BRETT, David Robert (University of Manchester (GB)); MACLEAN, Ewen Hamish (University of Oxford (GB))

Session Classification: WP2 Joint Session

Contribution ID: 54

Type: **not specified**

WP5: status and plan

Wednesday, 13 November 2013 14:00 (25 minutes)

Presenter: APPLEBY, Robert Barrie (University of Manchester (GB))

Session Classification: WP5 - LARP Joint Session

Contribution ID: 55

Type: **not specified**

Baseline for cryo-collimators

Wednesday, 13 November 2013 14:25 (25 minutes)

Presenter: BERTARELLI, Alessandro (CERN)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 56

Type: **not specified**

Tracking studies for different collimation layout options

Presenter: BRUCE, Roderik (CERN)

Contribution ID: 57

Type: **not specified**

Energy deposition with cryo-collimators in IR2 (ions) and IR7

Wednesday, 13 November 2013 14:50 (30 minutes)

Presenter: LECHNER, Anton (CERN)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 58

Type: **not specified**

Background studies for different HL-LHC options

Wednesday, 13 November 2013 15:20 (30 minutes)

Presenter: KWEE-HINZMANN, Regina (University of London (GB))

Session Classification: WP5 - LARP Joint Session

Contribution ID: 59

Type: **not specified**

Simulated cleaning for HL-LHC layouts with errors (20')

Wednesday, 13 November 2013 16:20 (20 minutes)

Presenter: MARSILI, Aurelien (CERN)

Session Classification: WP5 - LARP Joint Session

Contribution ID: **60**

Type: **not specified**

Comparison Merlin/Sixtrack and first HL-LHC results (20')

Wednesday, 13 November 2013 16:40 (20 minutes)

Presenter: SERLUCA, Maurizio (University of Manchester (GB))

Session Classification: WP5 - LARP Joint Session

Contribution ID: **61**

Type: **not specified**

Prospect for BDSIM development for HL-LHC collimation (20')

Presenter: NEVAY, Laurie (Royal Holloway University of London)

Contribution ID: 62

Type: **not specified**

Collimator failure losses for various HL-LHC configurations (20')

Wednesday, 13 November 2013 17:20 (20 minutes)

Presenter: LARI, Luisella (IFIC (CSIC) & CERN)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 63

Type: **not specified**

Final layout and plans for crystal collimation tests at LHC (25')

Thursday, 14 November 2013 09:00 (30 minutes)

Presenter: SCANDALE, Walter (Universite de Paris-Sud 11 (FR))

Session Classification: WP5 - LARP Joint Session

Contribution ID: 64

Type: **not specified**

Progress towards the conceptual design of a hollow electron lens for the LHC (25')

Thursday, 14 November 2013 09:30 (30 minutes)

Presenter: STANCARI, Giulio (FNAL)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 65

Type: **not specified**

Irradiation tests at BNL for collimator materials (20')

Wednesday, 13 November 2013 17:00 (20 minutes)

Presenter: SIMOS, Nick (Brookhaven National Laboratory)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 66

Type: **not specified**

RC collimator design: prototyping experience and LHC prospect (20')

Thursday, 14 November 2013 10:00 (30 minutes)

Presenter: MARKIEWICZ, Thomas (SLAC)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 67

Type: **not specified**

Report from Task 6.1

Wednesday, 13 November 2013 09:00 (30 minutes)

- Update on CERN activities
- Baseline Powering Layout for Triplets
- Baseline HTS Link configuration for Triplets
- Baseline cryogenic consumption of powering devices (leads and link)
- Plan for future activities and open issues

Presenter: BALLARINO, Amalia (CERN)

Session Classification: WP6

Contribution ID: **68**

Type: **not specified**

Report from Task 6.2 - 1st part (20')

Wednesday, 13 November 2013 09:30 (20 minutes)

Cryogenics for the cold powering systems in LHC P7

- Given boundary conditions, mechanical, lay-out and process, ...
- Retained solution for the cryogenic circuit
- Influence on the performance of the existing LHC refrigerators
- List of items do be defined, designed, build and installed
- List of open questions

Presenter: WAGNER, Udo (CERN)

Session Classification: WP6

Contribution ID: 69

Type: **not specified**

Report from Task 6.2 - 2nd part (30')

Wednesday, 13 November 2013 09:50 (30 minutes)

Cryogenics for the cold powering systems in LHC P1 and P5

- Given boundary conditions, mechanical, lay-out and process,
- Overview of considered cooling solutions for the cryogenic circuit
- Influence on the energy consumption
- List of open questions

Presenter: WAGNER, Udo (CERN)

Session Classification: WP6

Contribution ID: 70

Type: **not specified**

Report from Task 6.3

Wednesday, 13 November 2013 10:55 (1h 5m)

- Thermo-electrical modelling of HTS Link for Triplets
- Progress on conceptual design of Distribution Feed-Box
- Plan for future activities

Presenter: YANG, Yifeng (University of Southampton)

Session Classification: WP6

Contribution ID: 71

Type: **not specified**

Integration Studies

Wednesday, 13 November 2013 12:00 (50 minutes)

- Status of integration of SC-Link system at P7
- Status of integration of SC-Link System at P1 and P5 - Triplets
- Open issues, request for inputs from project, plan...

Presenters: CORSO, Jean-Pierre (CERN); WEISZ, Sylvain (CERN)

Session Classification: WP6

Contribution ID: 73

Type: **not specified**

Task 6.1, Task 6.2, Task 6.3 and Task 6.4

Wednesday, 13 November 2013 15:00 (50 minutes)

Interface issues and request for input from other tasks, plan for future activities. Milestones. Status of deliverables:

- Task 1 (A. Ballarino)
- Task 2 (U. Wagner)
- Task 3 (Y. Yang)
- Task 3 (F. Broggi)

Session Classification: WP6

Contribution ID: 75

Type: **not specified**

Results from Test Activities (required Task 1 and Task 3 participants)

Contribution ID: 76

Type: **not specified**

Design options for D2 (20'+5')

Wednesday, 13 November 2013 14:25 (25 minutes)

Presenter: SABBI, GianLuca (LBNL)

Session Classification: WP3 Non triplet magnets

Contribution ID: 77

Type: **not specified**

D1 design at 150 mm aperture and plans (20'+5')

Wednesday, 13 November 2013 14:50 (25 minutes)

Presenter: NAKAMOTO, Tatsushi (KEK)

Session Classification: WP3 Non triplet magnets

Contribution ID: 78

Type: **not specified**

D2 conceptual design and field quality optimization (20'+5')

Wednesday, 13 November 2013 14:00 (25 minutes)

Presenter: GUPTA, Ramesh (BNL)

Session Classification: WP3 Non triplet magnets

Contribution ID: 79

Type: **not specified**

Options for resistive magnets in HL-LHC era (20'+5')

Thursday, 14 November 2013 09:30 (25 minutes)

Presenter: FESSIA, Paolo (CERN)

Session Classification: WP3 Triplet protection. energy deposition and HQ results

Contribution ID: **80**

Type: **not specified**

HQ results and implication for QXF (20'+10')

Thursday, 14 November 2013 09:55 (30 minutes)

Presenter: SABBI, GianLuca (LBNL)

Session Classification: WP3 Triplet protection. energy deposition and HQ results

Contribution ID: **81**

Type: **not specified**

QXF protection (20'+10')

Thursday, 14 November 2013 09:00 (30 minutes)

Presenter: AMBROSIO, Giorgio (Fermilab)

Session Classification: WP3 Triplet protection. energy deposition and HQ results

Contribution ID: **82**

Type: **not specified**

Energy deposition on triplet and D1 (20'+10')

Wednesday, 13 November 2013 15:15 (30 minutes)

Presenter: MOKHOV, Nikolai (Fermi National Accelerator Lab. (US))

Session Classification: WP3 Non triplet magnets

Contribution ID: 83

Type: **not specified**

QXF planning (20'+20')

Wednesday, 13 November 2013 16:20 (40 minutes)

Presenters: AMBROSIO, Giorgio (Fermilab); FERRACIN, Paolo (CERN)

Session Classification: WP3 Triplet planning

Contribution ID: **84**

Type: **not specified**

HQ and LHQ planning

Wednesday, 13 November 2013 17:00 (40 minutes)

Presenters: SABBI, GianLuca (LBNL); AMBROSIO, Giorgio (Fermilab)

Session Classification: WP3 Triplet planning

Contribution ID: 85

Type: **not specified**

Update on non-linear collimation schemes (20')

Wednesday, 13 November 2013 17:40 (20 minutes)

Presenter: RESTA LOPEZ, Javier (IFIC, Valencia University)

Session Classification: WP5 - LARP Joint Session

Contribution ID: 92

Type: **not specified**

Cavities

Wednesday, 13 November 2013 09:00 (25 minutes)

Presenter: CALAGA, Rama (CERN)

Session Classification: WP4

Contribution ID: 93

Type: **not specified**

Cryomodules

Wednesday, 13 November 2013 09:25 (25 minutes)

Presenter: PATTALWAR, Shrikant (STFC Daresbury Laboratory, UK)

Session Classification: WP4

Contribution ID: 94

Type: **not specified**

Preliminary Considerations on 800 MHz Cavity Design

Wednesday, 13 November 2013 09:50 (20 minutes)

Presenter: ZOBOV, Mikhail (INFN LNF)

Session Classification: WP4

Contribution ID: 95

Type: **not specified**

LARP contribution to crabs

Wednesday, 13 November 2013 10:10 (20 minutes)

Presenter: RATTI, Alessandro (Lawrence Berkeley National Lab. (US))

Session Classification: WP4

Contribution ID: 96

Type: **not specified**

LLRF considerations for the LHC Crab Cavities

Wednesday, 13 November 2013 10:55 (30 minutes)

Presenter: BAUDRENGHIEN, Philippe (CERN)

Session Classification: WP4

Contribution ID: 97

Type: **not specified**

LLRF modelling

Wednesday, 13 November 2013 11:25 (30 minutes)

Presenter: DEXTER, Amos (Lancaster University)

Session Classification: WP4

Contribution ID: 99

Type: **not specified**

Machine protection

Wednesday, 13 November 2013 12:25 (25 minutes)

Presenter: YEE RENDON, Bruce (Centro Invest. Estudios Avanz. IPN (MX))

Session Classification: WP4

Contribution ID: **100**

Type: **not specified**

SPS testing

Wednesday, 13 November 2013 16:20 (20 minutes)

Presenter: MACPHERSON, Alick (CERN)

Session Classification: WP4

Contribution ID: **102**

Type: **not specified**

Cryogenics for HL-LHC

Wednesday, 13 November 2013 16:40 (20 minutes)

Presenter: TAVIAN, Laurent Jean (CERN)

Session Classification: WP4

Contribution ID: **104**

Type: **not specified**

Measuring multipole components

Thursday, 14 November 2013 09:45 (20 minutes)

Presenter: NAVARRO TAPIA, Maria

Session Classification: WP4

Contribution ID: **105**

Type: **not specified**

Specifications

Presenter: CAPATINA, Ofelia (CERN)

Contribution ID: **106**

Type: **not specified**

Discussion on cavity interfaces, cryomodules & cryogenics

Wednesday, 13 November 2013 17:00 (1 hour)

Presenter: CAPATINA, Ofelia (CERN)

Session Classification: WP4

Contribution ID: **107**

Type: **not specified**

Presentation from Task 6.3

Wednesday, 13 November 2013 14:00 (1 hour)

Thermo-electrical models of SC links

Presenter: YANG, Yifeng (University of Southampton)

Session Classification: WP6

Contribution ID: **108**

Type: **not specified**

Report from Task 6.4

Thursday, 14 November 2013 09:00 (1 hour)

- Energy deposition studies : where we were (at last meeting) and where we are today
- Implementation of the geometry layout of the SC links in the LHC FLUKA geometry
- Particle fluence and energy deposition in the actual geometry (and in other options ?)
- Material studies: Irradiation exp. simulations
- Irradiation facilities

Presenters: BROGGI, Francesco (INFN - LASA Lab.); CERUTTI, Francesco (CERN); ESPOSITO, Luigi Salvatore (CERN)

Session Classification: WP6

Contribution ID: **109**

Type: **not specified**

CERN's Plans with Stripline

Friday, 15 November 2013 09:30 (30 minutes)

Presenter: CESARATTO, John Michael (SLAC National Accelerator Laboratory (US))

Session Classification: WP4

Contribution ID: **110**

Type: **not specified**

Slotline ? Priority ?

Friday, 15 November 2013 10:00 (30 minutes)

Session Classification: WP4

Contribution ID: **111**

Type: **not specified**

Potential Controllers

Friday, 15 November 2013 13:30 (10 minutes)

Session Classification: WP4 Controller Design

Contribution ID: **112**

Type: **not specified**

New optics

Friday, 15 November 2013 13:40 (10 minutes)

Session Classification: WP4 Controller Design

Contribution ID: **113**

Type: **not specified**

Discussion of proper methods to design controllers for new optics

Friday, 15 November 2013 13:50 (15 minutes)

Session Classification: WP4 Controller Design

Contribution ID: **114**

Type: **not specified**

Implications for MD tests

Friday, 15 November 2013 14:05 (10 minutes)

Session Classification: WP4 Controller Design

Contribution ID: **115**

Type: **not specified**

LARP - CERN

Friday, 15 November 2013 14:15 (5 minutes)

Session Classification: WP4 Resources

Contribution ID: **116**

Type: **not specified**

Manpower

Friday, 15 November 2013 14:20 (5 minutes)

Session Classification: WP4 Resources

Contribution ID: 117

Type: **not specified**

Budget options and outlook

Friday, 15 November 2013 14:25 (5 minutes)

Session Classification: WP4 Resources

Contribution ID: **118**

Type: **not specified**

Reduced Model

Friday, 15 November 2013 14:30 (10 minutes)

Session Classification: WP4 Dynamics Modeling

Contribution ID: **119**

Type: **not specified**

Fitting

Friday, 15 November 2013 14:40 (10 minutes)

Session Classification: WP4 Dynamics Modeling

Contribution ID: 120

Type: **not specified**

Head-Tail, CMAD and Measurements for Identification

Friday, 15 November 2013 14:50 (10 minutes)

Session Classification: WP4 Dynamics Modeling

Contribution ID: **121**

Type: **not specified**

Cern Collaboration planning

Friday, 15 November 2013 15:00 (5 minutes)

Session Classification: WP4 Hardware Upgrade

Contribution ID: 122

Type: **not specified**

New Features ? MD needs?

Friday, 15 November 2013 15:05 (5 minutes)

Session Classification: WP4 Hardware Upgrade

Contribution ID: 123

Type: **not specified**

Looking at 8 GS/sec. options

Friday, 15 November 2013 15:10 (10 minutes)

Session Classification: WP4 Hardware Upgrade

Contribution ID: 124

Type: **not specified**

Amplifier test results, directions

Friday, 15 November 2013 15:20 (10 minutes)

Session Classification: WP4 Hardware Upgrade

Contribution ID: 125

Type: **not specified**

Julia test

Presenter: DOUBLE, Julia (CERN)

Contribution ID: **126**

Type: **not specified**

Go to WP2 Joint Session

Wednesday, 13 November 2013 11:55 (30 minutes)

Session Classification: WP4

Contribution ID: 127

Type: **not specified**

Results from test of SC Links at CERN

Friday, 15 November 2013 09:00 (30 minutes)

Presenter: GIANNELLI, Sebastiano (CERN)

Session Classification: WP6 Results from Test Activities (required Task 1 and Task 3 participants)

Contribution ID: 128

Type: **not specified**

Results from tests of SC Links at SOTON and quench protection analysis

Friday, 15 November 2013 09:30 (30 minutes)

Presenter: YANG, Yifeng (University of Southampton)

Session Classification: WP6 Results from Test Activities (required Task 1 and Task 3 participants)

Contribution ID: 129

Type: **not specified**

Modelling of quench propagation: review of available tools and plan for future activities

Friday, 15 November 2013 10:00 (30 minutes)

Presenter: YANG, Yifeng (University of Southampton)

Session Classification: WP6 Results from Test Activities (required Task 1 and Task 3 participants)

Contribution ID: **130**

Type: **not specified**

Effect of radial quench propagation in multi- cable assemblies.

Friday, 15 November 2013 10:30 (30 minutes)

Analysis of measurements at SOTON
Cable for Link at P7
Modelling of high-current cables
Discussion and plan for future activity
Modelling and testing

Presenter: YANG, Yifeng (University of Southampton)

Session Classification: WP6 Results from Test Activities (required Task 1 and Task 3 participants)