

**LARP / HiLumi-LHC
Collaboration Meeting**

Report of Contributions

Contribution ID: 20

Type: **not specified**

LARP: Present and Future

Wednesday, 7 May 2014 09:05 (20 minutes)

Presenter: APOLLINARI, Giorgio (FNAL)

Session Classification: Plenary Session #1

Contribution ID: **21**

Type: **not specified**

HL-LHC Project

Wednesday, 7 May 2014 09:25 (20 minutes)

Presenter: ROSSI, Lucio (CERN)

Session Classification: Plenary Session #1

Contribution ID: 22

Type: **not specified**

HQ Development Updates

Wednesday, 7 May 2014 09:45 (20 minutes)

Presenter: SABBI, GianLuca (LBNL)

Session Classification: Plenary Session #1

Contribution ID: 23

Type: **not specified**

Optics and Layout Update

Wednesday, 7 May 2014 10:05 (20 minutes)

Presenter: GIOVANNOZZI, Massimo (CERN)

Session Classification: Plenary Session #1

Contribution ID: 24

Type: **not specified**

Fast Intra-train Beam-based position feedback for single-pass beamlines

Wednesday, 7 May 2014 10:35 (30 minutes)

Presenter: Dr BETT, Douglas (University of Oxford)

Session Classification: Plenary Session #1

Contribution ID: 25

Type: **not specified**

Stress Management as an Enabling Technique for High-Field Superconducting Dipole Magnets

Wednesday, 7 May 2014 11:05 (30 minutes)

Presenter: Dr HOLIK, Trey (Texas A&M University)

Session Classification: Plenary Session #1

Contribution ID: 26

Type: **not specified**

Analysis of dimensional tolerances in HQ

Wednesday, 7 May 2014 15:35 (15 minutes)

Presenter: BORGNOLUTTI, Franck (LBNL)

Session Classification: Magnets 1

Contribution ID: 27

Type: **not specified**

HQ field quality measurement and correction

Wednesday, 7 May 2014 15:50 (25 minutes)

Presenters: DIMARCO, Joe (FNAL); WANG, Xiaorong (LBNL)

Session Classification: Magnets 1

Contribution ID: 28

Type: **not specified**

11T results and plans

Wednesday, 7 May 2014 16:15 (30 minutes)

Presenter: ZLOBIN, Alexander (FNAL)

Session Classification: Magnets 1

Contribution ID: 29

Type: **not specified**

QXF field quality estimates

Wednesday, 7 May 2014 16:45 (20 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Magnets 1

Contribution ID: **30**

Type: **not specified**

QXF field quality correction

Wednesday, 7 May 2014 17:05 (15 minutes)

Presenter: FERRACIN, Paolo (CERN)

Session Classification: Magnets 1

Contribution ID: 31

Type: **not specified**

Choice of core size and position for QXF

Wednesday, 7 May 2014 17:20 (20 minutes)

Presenter: SABBI, GianLuca (LBNL)

Session Classification: Magnets 1

Contribution ID: 32

Type: **not specified**

Update on QXF conceptual specification

Wednesday, 7 May 2014 17:40 (20 minutes)

Presenters: Dr AMBROSIO, Giorgio (FNAL); FERRACIN, Paolo (CERN)

Session Classification: Magnets 1

Contribution ID: 33

Type: **not specified**

LHC Collimation System Status & Plans

Thursday, 8 May 2014 09:00 (30 minutes)

Presenter: REDAELLI, Stefano (CERN)

Session Classification: Collim. (WP5)

Contribution ID: 34

Type: **not specified**

Irradiation tests of collimator materials

Thursday, 8 May 2014 09:30 (30 minutes)

Presenter: Dr SIMOS, Nikolaos (BNL)

Session Classification: Collim. (WP5)

Contribution ID: 35

Type: **not specified**

Report of CERN tests on SLAC-Rotating Collimator

Thursday, 8 May 2014 10:00 (30 minutes)

Presenter: BERTARELLI, Alessandro (CERN)

Session Classification: Collim. (WP5)

Contribution ID: 36

Type: **not specified**

Electron lenses: hollow beam scraper design report and preliminary studies on long-range compensators

Thursday, 8 May 2014 11:00 (30 minutes)

Presenter: Dr STANCARI, Giulio (Fermilab)

Session Classification: WP2/WP5

Contribution ID: 37

Type: **not specified**

Ultralow Emittance Electron Storage Rings

Wednesday, 7 May 2014 11:35 (30 minutes)

Presenter: Dr WOOTTON, Kent (U. of Melbourne)

Session Classification: Plenary Session #1

Contribution ID: **38**

Type: **not specified**

Update on halo monitoring techniques

Thursday, 8 May 2014 11:30 (30 minutes)

Presenter: FISHER, Alan (SLAC)

Session Classification: WP2/WP5

Contribution ID: 39

Type: **not specified**

The Application and R&D of Superconducting RF Cavities

Wednesday, 7 May 2014 12:05 (30 minutes)

Presenter: Dr ZHANG, Pei (CERN and U. of Manchester)

Session Classification: Plenary Session #1

Contribution ID: 40

Type: **not specified**

Status and plan for alternative halo control methods

Thursday, 8 May 2014 12:00 (30 minutes)

Presenter: BRUCE, Roderik (CERN)

Session Classification: WP2/WP5

Contribution ID: 41

Type: **not specified**

Crab Cavity System Review - Report

Wednesday, 7 May 2014 13:30 (1 hour)

Presenter: YAMAMOTO, Akira (KEK/CERN)

Session Classification: Plenary Session #1

Contribution ID: 42

Type: **not specified**

IR Energy Deposition: Simulation and Radiation Limits

Wednesday, 7 May 2014 14:30 (30 minutes)

Presenter: RAKHNO, Igor (FNAL)

Session Classification: Plenary Session #1

Contribution ID: 43

Type: **not specified**

Field Quality and Dynamic Aperture Simulation

Wednesday, 7 May 2014 15:00 (20 minutes)

Presenter: CAI, Yunhai (SLAC)

Session Classification: Plenary Session #1

Contribution ID: 44

Type: **not specified**

QXF Plans

Thursday, 8 May 2014 15:20 (25 minutes)

Presenter: Dr AMBROSIO, Giorgio (FNAL)

Session Classification: Plenary Session #2

Contribution ID: 45

Type: **not specified**

CM Goals: Magnet Report

Thursday, 8 May 2014 16:00 (30 minutes)

Presenter: FERRACIN, Paolo (CERN)

Session Classification: Plenary Session #2

Contribution ID: 46

Type: **not specified**

CM Goals: CC Report

Thursday, 8 May 2014 16:30 (30 minutes)

Presenter: RATTI, Alex (LBNL)

Session Classification: Plenary Session #2

Contribution ID: 47

Type: **not specified**

CM Goals: WBFS Report

Thursday, 8 May 2014 17:00 (30 minutes)

Presenter: FOX, John (SLAC)

Session Classification: Plenary Session #2

Contribution ID: 48

Type: **not specified**

Report on Collimation/e-Lens/Beam-Beam Simulation

Thursday, 8 May 2014 17:30 (30 minutes)

Presenter: MARKIEWICZ, Thomas (SLAC)

Session Classification: Plenary Session #2

Contribution ID: 49

Type: **not specified**

LARP to Project

Thursday, 8 May 2014 14:30 (25 minutes)

Presenter: CARCAGNO, Ruben (FNAL)

Session Classification: Plenary Session #2

Contribution ID: 50

Type: **not specified**

CDR-TDR Plans & Best Practices

Thursday, 8 May 2014 14:55 (25 minutes)

Presenter: BEJAR ALONSO, Isabel (CERN)

Session Classification: Plenary Session #2

Contribution ID: 51

Type: **not specified**

?? LHC Status ??

Contribution ID: 52

Type: **not specified**

Closing

Thursday, 8 May 2014 18:00 (10 minutes)

Session Classification: Plenary Session #2

Contribution ID: 53

Type: **not specified**

Strand and cable design, status and plans by LARP

Thursday, 8 May 2014 08:30 (20 minutes)

Presenter: Dr GHOSH, Arup (Brookhaven National Laboratory)

Session Classification: Magnets 2

Contribution ID: 54

Type: **not specified**

Strand and cable design, status and plans by CERN

Thursday, 8 May 2014 08:50 (20 minutes)

Presenters: BALLARINO, Amalia (CERN); BORDINI, Bernardo (CERN)

Session Classification: Magnets 2

Contribution ID: 55

Type: **not specified**

Materials QC & QA

Thursday, 8 May 2014 09:10 (20 minutes)

Presenter: PONG, Ian (LBNL)

Session Classification: Magnets 2

Contribution ID: 56

Type: **not specified**

Coil fabrication workshop report

Thursday, 8 May 2014 09:30 (30 minutes)

Presenter: FERRACIN, Paolo (CERN)

Session Classification: Magnets 2

Contribution ID: 57

Type: **not specified**

Quench protection workshop report

Thursday, 8 May 2014 10:20 (30 minutes)

Presenter: Dr AMBROSIO, Giorgio (FNAL)

Session Classification: Magnets 2

Contribution ID: 58

Type: **not specified**

US magnet deliverable: interfaces

Presenter: FESSIA, Paolo (CERN)

Contribution ID: 59

Type: **not specified**

US magnet deliverable: option analysis

Thursday, 8 May 2014 10:50 (20 minutes)

Presenter: CARCAGNO, Ruben (Fermilab)

Session Classification: Magnets 2

Contribution ID: **60**

Type: **not specified**

QXF testing plans by LARP

Thursday, 8 May 2014 11:10 (20 minutes)

Presenter: CHLACHIDZE, Guram (FNAL)

Session Classification: Magnets 2

Contribution ID: **61**

Type: **not specified**

Strong-strong simulations: benchmark with LHC observations

Thursday, 8 May 2014 09:55 (25 minutes)

Presenter: Dr QIANG, Ji (LBNL)

Session Classification: WP2/WP4-CC

Contribution ID: **62**

Type: **not specified**

Control methods for Q20 Optics

Wednesday, 7 May 2014 15:35 (30 minutes)

Presenter: RIVETTA, Claudio (SLAC)

Session Classification: WBFS

Contribution ID: **63**

Type: **not specified**

Kicker Updates

Wednesday, 7 May 2014 16:25 (25 minutes)

Presenters: CESARATTO, John (SLAC); DE SANTIS, Stefano (LBL)

Session Classification: WBFS

Contribution ID: **64**

Type: **not specified**

Progress in System Identification and MD tools

Wednesday, 7 May 2014 16:05 (20 minutes)

Presenters: TURGUT, Ozhan (SLAC); TURGUT, Ozhan (SLAC)

Session Classification: WBFS

Contribution ID: 65

Type: **not specified**

Planning for Next MD - Readiness

Wednesday, 7 May 2014 17:30 (30 minutes)

Presenters: FOX, John (SLAC); HOFLE, Wolfgang (CERN)

Session Classification: WBFS

Contribution ID: 66

Type: **not specified**

System expansion, power amplifiers, development plans for FY14/FY15

Wednesday, 7 May 2014 16:50 (30 minutes)

Presenters: DUSATKO, John (SLAC); FOX, John (SLAC)

Session Classification: WBFS

Contribution ID: 67

Type: **not specified**

Beam-beam effects and limitations in HL-LHC

Thursday, 8 May 2014 09:00 (30 minutes)

Presenters: Dr VALISHEV, Alexander (FNAL); Dr PIELONI, Tatiana (CERN)

Session Classification: WP2/WP4-CC

Contribution ID: **68**

Type: **not specified**

BBLR compensation for HL-LHC

Thursday, 8 May 2014 09:30 (25 minutes)

Presenter: Dr VALISHEV, Alexander (FNAL)

Session Classification: WP2/WP4-CC

Contribution ID: 69

Type: **not specified**

Crab Cavity amplitude jitter effects on LHC beam

Thursday, 8 May 2014 10:20 (20 minutes)

Presenter: THEMIS, Mastoridis (California Polytechnic State University, San Luis Obispo)

Session Classification: WP2/WP4-CC

Contribution ID: 70

Type: **not specified**

(no title)

Coffee Break

Contribution ID: 71

Type: **not specified**

Quench Propagation in Crab Cavities

Presenter: VYACHESLAV, Yakovlev (FNAL)

Contribution ID: 72

Type: **not specified**

Crab Cavity Modeling Studies

Presenter: ZENGHAI, Li (SLAC)

Contribution ID: 73

Type: **not specified**

Cryomodule Development Sumamry & Action Items

Presenter: NICOL, Thomas (FNAL)

Contribution ID: 74

Type: **not specified**

Functional/Engineering Specification Recap & Discussions

Wednesday, 7 May 2014 16:15 (20 minutes)

Presenter: OFELIA, Capatina (CERN)

Session Classification: WP4-CC: SPS Work Planning Session

Contribution ID: 75

Type: **not specified**

SPS Cryoload Discussions

Wednesday, 7 May 2014 15:55 (20 minutes)

Presenter: BRODZINSKI, Krzysztof (CERN)

Session Classification: WP4-CC: SPS Work Planning Session

Contribution ID: 76

Type: **not specified**

Action Items from Technical Review

Wednesday, 7 May 2014 15:35 (20 minutes)

Presenters: RATTI, Alessandro (LBNL); CALAGA, Rama (BNL)

Session Classification: WP4-CC: SPS Work Planning Session

Contribution ID: 77

Type: **not specified**

Next 6 Months: Who is Doing What

Wednesday, 7 May 2014 16:35 (1h 25m)

Session Classification: WP4-CC: SPS Work Planning Session

Contribution ID: 78

Type: **not specified**

Quench Simulations in Crab Cavities

Presenter: YAKOVLEV, Vyacheslav (FNAL)

Contribution ID: 79

Type: **not specified**

Crab Cavity Modeling Studies

Thursday, 8 May 2014 11:30 (30 minutes)

Presenter: LI, Zenghai (SLAC)

Session Classification: WP4: Crab Cavities

Contribution ID: **80**

Type: **not specified**

Cryomodule Summary & Action Items

Thursday, 8 May 2014 12:00 (30 minutes)

Presenter: NICOL, Thomas (FNAL)

Session Classification: WP4: Crab Cavities

Contribution ID: **81**

Type: **not specified**

Final Discussions

Presenters: RATTI, Alessandro (LBNL); BURT, Graeme (Lancaster/STFC); CALAGA, Rama (BNL)

Contribution ID: **82**

Type: **not specified**

Toohig Presentation: Crab Cavities

Thursday, 8 May 2014 11:00 (30 minutes)

Presenter: VERDU ANDRES, Silvia (BNL)

Session Classification: WP4: Crab Cavities

Contribution ID: **83**

Type: **not specified**

QXF testing plans by CERN

Thursday, 8 May 2014 11:30 (20 minutes)

Presenter: BAJKO, Marta (CERN)

Session Classification: Magnets 2

Contribution ID: **84**

Type: **not specified**

Final Wrap Up

Presenters: RATTI, Alessandro (LBNL); CALAGA, Rama (BNL)

Contribution ID: 85

Type: **not specified**

Welcome

Wednesday, 7 May 2014 09:00 (5 minutes)

Presenter: Dr MUELLER, Berndt (BNL)

Session Classification: Plenary Session #1