

**11th HL-LHC Collaboration
Meeting, CERN - 19-22
October 2021**



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Tuesday, October 19, 2021 8:30 AM (5 minutes)

Presenter: GIANOTTI, Fabiola (CERN)

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 2

Type: **not specified**

HL-LHC project status

Tuesday, October 19, 2021 8:35 AM (30 minutes)

Presenter: BRUNING, Oliver (CERN)

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 3

Type: **not specified**

LHC Run3 commissioning and operation plans

Tuesday, October 19, 2021 9:05 AM (25 minutes)

Presenter: LAMONT, Mike (CERN)

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 4

Type: **not specified**

Status of WP3, with focus on MQXFB

Tuesday, October 19, 2021 9:30 AM (30 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 5

Type: **not specified**

Status of D1 in KEK

Tuesday, October 19, 2021 10:00 AM (20 minutes)

Presenter: OGITSU, Toru

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 6

Type: **not specified**

Status of D2 corrector in IHEP

Tuesday, October 19, 2021 10:20 AM (20 minutes)

Presenter: XU, Qingjin (IHEP)

Session Classification: Plenary session 1 - Tuesday AM

Contribution ID: 7

Type: **not specified**

Status of HO correctors in LASA

Tuesday, October 19, 2021 11:00 AM (20 minutes)

Presenter: STATERA, Marco (INFN Milano - LASA)

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: 8

Type: **not specified**

Status of D2 in INFN-Genova

Tuesday, October 19, 2021 11:20 AM (20 minutes)

Presenter: FARINON, Stefania (INFN e Universita Genova (IT))

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: 9

Type: **not specified**

Status of nested correctors in CIEMAT

Tuesday, October 19, 2021 11:40 AM (20 minutes)

Presenter: TORAL, Fernando (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: **10**

Type: **not specified**

Status of the Swedish collaboration

Tuesday, October 19, 2021 12:00 PM (20 minutes)

Presenter: EKELOF, Tord Johan Carl (Uppsala University (SE))

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: 11

Type: **not specified**

Status of the civil engineering and technical infrastructures

Tuesday, October 19, 2021 12:20 PM (20 minutes)

Presenter: TAVIAN, Laurent Jean (CERN)

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: 12

Type: **not specified**

11T summary

Tuesday, October 19, 2021 12:40 PM (20 minutes)

Presenter: SAVARY, Frederic (CERN)

Session Classification: Plenary session 2 - Tuesday AM

Contribution ID: 13

Type: **not specified**

Summary and status for the HL-LHC Collaborations with detailed outlook and planning for the Russian contribution

Tuesday, October 19, 2021 2:00 PM (20 minutes)

Presenter: DI GIROLAMO, Beniamino (CERN)

Session Classification: Plenary session 3 - Tuesday PM

Contribution ID: 14

Type: **not specified**

Update on Optics, Layout and Run4 operational scenario

Tuesday, October 19, 2021 2:20 PM (20 minutes)

Presenter: TOMAS GARCIA, Rogelio (CERN)

Session Classification: Plenary session 3 - Tuesday PM

Contribution ID: 15

Type: **not specified**

HL-LHC Baseline, TCC summary and Run4 Startup planning / projections

Tuesday, October 19, 2021 2:40 PM (30 minutes)

Presenter: ZERLAUTH, Markus (CERN)

Session Classification: Plenary session 3 - Tuesday PM

Contribution ID: **16**

Type: **not specified**

Status of US-AUP contribution after CD3 approval

Tuesday, October 19, 2021 3:10 PM (20 minutes)

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

Session Classification: Plenary session 3 - Tuesday PM

Contribution ID: 17

Type: **not specified**

MQXFA Magnet production in the US

Tuesday, October 19, 2021 3:30 PM (20 minutes)

Presenter: AMBROSIO, Giorgio (Fermilab)

Session Classification: Plenary session 3 - Tuesday PM

Contribution ID: 18

Type: **not specified**

Status of WP4 (industry contracts, preparation of the SPS test and links to the US/ Canada / UK / Russia collaborations)

Tuesday, October 19, 2021 4:10 PM (20 minutes)

Presenter: CALAGA, Rama (CERN)

Session Classification: Plenary session 4 - Tuesday PM

Contribution ID: **19**

Type: **not specified**

RFD pre-series cryomodule status and DQW series planning

Tuesday, October 19, 2021 4:30 PM (20 minutes)

Presenter: JONES, Thomas Joseph

Session Classification: Plenary session 4 - Tuesday PM

Contribution ID: **20**

Type: **not specified**

US-AUP Crab Cavity program

Tuesday, October 19, 2021 4:50 PM (20 minutes)

Presenter: RISTORI, Leonardo (Fermilab)

Session Classification: Plenary session 4 - Tuesday PM

Contribution ID: 21

Type: **not specified**

Plans for RFD cryomodules at TRIUMF

Tuesday, October 19, 2021 5:10 PM (20 minutes)

Presenter: LAXDAL, Robert Edward

Session Classification: Plenary session 4 - Tuesday PM

Contribution ID: 22

Type: **not specified**

Machine - Experiment Interface and upgrade status

Wednesday, October 20, 2021 8:30 AM (20 minutes)

Presenter: SANCHEZ GALAN, Francisco (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 23

Type: **not specified**

Update on protection systems and beam failure cases for HL-LHC

Wednesday, October 20, 2021 8:50 AM (20 minutes)

Presenter: WOLLMANN, Daniel (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 24

Type: **not specified**

Collimation Upgrade - installations in LS2 and outstanding plans for LS3

Wednesday, October 20, 2021 9:10 AM (20 minutes)

Presenter: REDAELLI, Stefano (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 25

Type: **not specified**

Crystal collimation for Pb ion beam operation in Run3

Wednesday, October 20, 2021 9:30 AM (20 minutes)

Presenter: DI CASTRO, Mario (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 26

Type: **not specified**

Summary and Update on the FRAS implementation

Wednesday, October 20, 2021 9:50 AM (20 minutes)

Presenter: MAINAUD DURAND, Helene (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 27

Type: **not specified**

Material studies and new absorber materials for IR6 protection absorbers and the beam dump

Wednesday, October 20, 2021 10:10 AM (20 minutes)

Presenter: FRANQUEIRA XIMENES, Rui (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 28

Type: **not specified**

HEL program and planning

Wednesday, October 20, 2021 10:30 AM (20 minutes)

Presenter: ROSSI, Adriana (CERN)

Session Classification: Plenary session 5 - Wednesday AM

Contribution ID: 29

Type: **not specified**

Overview of WP6A activities

Wednesday, October 20, 2021 11:10 AM (30 minutes)

Presenter: BALLARINO, Amalia (CERN)

Session Classification: Plenary session 6 - Wednesday AM

Contribution ID: **30**

Type: **not specified**

Global overview of circuit powering evolution

Wednesday, October 20, 2021 11:40 AM (20 minutes)

Presenter: YAMMINE, Samer (CERN)

Session Classification: Plenary session 6 - Wednesday AM

Contribution ID: 31

Type: **not specified**

Integration of HL-LHC systems and equipment + first LS3 planning

Wednesday, October 20, 2021 12:00 PM (20 minutes)

Presenter: MODENA, Michele (CERN)

Session Classification: Plenary session 6 - Wednesday AM

Contribution ID: 32

Type: **not specified**

IT String planning and test program

Wednesday, October 20, 2021 12:20 PM (20 minutes)

Presenter: BAJKO, Marta (CERN)

Session Classification: Plenary session 6 - Wednesday AM

Contribution ID: 33

Type: **not specified**

Impact of magnetic field quality on machine performance, from initial assumptions to today's status

Wednesday, October 20, 2021 2:00 PM (30 minutes)

Presenter: GIOVANNOZZI, Massimo (CERN)

Session Classification: Wednesday PM - WP2/WP3

Contribution ID: 34

Type: **not specified**

Fine tuning of IR magnets field quality

Wednesday, October 20, 2021 2:30 PM (40 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Wednesday PM - WP2/WP3

Contribution ID: 35

Type: **not specified**

D2 b5 correction

Wednesday, October 20, 2021 3:10 PM (30 minutes)

Presenter: DILLY, Joshua Werner (Humboldt University of Berlin (DE))

Session Classification: Wednesday PM - WP2/WP3

Contribution ID: 36

Type: **not specified**

Discussion + Make list of needed magnetic measurements for cross-talks + Finalize WP2/3 interface document

Wednesday, October 20, 2021 3:40 PM (50 minutes)

Session Classification: Wednesday PM - WP2/WP3

Contribution ID: 37

Type: **not specified**

MQXFA test results

Wednesday, October 20, 2021 5:00 PM (30 minutes)

Presenter: MURATORE, Joseph F (Brookhaven National Laboratory)

Session Classification: Wednesday PM - WP3/US-AUP

Contribution ID: **38**

Type: **not specified**

MQXFB and MQXFS test results

Wednesday, October 20, 2021 5:30 PM (30 minutes)

Presenter: MANGIAROTTI, Franco Julio (CERN)

Session Classification: Wednesday PM - WP3/US-AUP

Contribution ID: 39

Type: **not specified**

CERN Surface treatment infrastructure for RFD

Wednesday, October 20, 2021 2:00 PM (15 minutes)

Presenter: MARQUES ANTUNES FERREIRA, Leonel (CERN)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 40

Type: **not specified**

CERN RF Dipole testing experience & outlook

Wednesday, October 20, 2021 2:15 PM (15 minutes)

Presenter: TURAJ, Katarzyna (CERN)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 41

Type: **not specified**

US-AUP RF Dipole testing experience & outlook

Wednesday, October 20, 2021 2:30 PM (15 minutes)

Presenter: BERRUTTI, Paolo (Fermilab)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 42

Type: **not specified**

Electropolishing Experience at KEK

Wednesday, October 20, 2021 2:45 PM (15 minutes)

Presenter: MORITA, Yoshiyuki (KEK)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 43

Type: **not specified**

Crab cavity tuning system update

Wednesday, October 20, 2021 3:00 PM (15 minutes)

Presenter: ARTOOS, Kurt (CERN)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 44

Type: **not specified**

Discussion

Wednesday, October 20, 2021 3:15 PM (45 minutes)

Session Classification: Wednesday PM - WP4/UK/US-AUP/Canada

Contribution ID: 45

Type: **not specified**

Clean room experience with RF Dipole

Wednesday, October 20, 2021 4:30 PM (15 minutes)

Presenter: KOHLER, Paul Jean (CERN)

Session Classification: Wednesday PM - WP4/WP9/WP12

Contribution ID: 46

Type: **not specified**

RFD (LHC-prototype) cryomodule

Wednesday, October 20, 2021 4:45 PM (15 minutes)

Presenter: CAPELLI, Teddy (CERN)

Session Classification: Wednesday PM - WP4/WP9/WP12

Contribution ID: 47

Type: **not specified**

Vacuum update

Wednesday, October 20, 2021 5:00 PM (15 minutes)

Presenter: PASQUINO, Chiara (CERN)

Session Classification: Wednesday PM - WP4/WP9/WP12

Contribution ID: 48

Type: **not specified**

Cryogenics update

Wednesday, October 20, 2021 5:15 PM (15 minutes)

Presenter: BRODZINSKI, Krzysztof (CERN)

Session Classification: Wednesday PM - WP4/WP9/WP12

Contribution ID: 49

Type: **not specified**

Alignment update

Wednesday, October 20, 2021 5:30 PM (15 minutes)

Presenters: RUDE, Vivien (CERN); SOSIN, Mateusz (CERN)

Session Classification: Wednesday PM - WP4/WP9/WP12

Contribution ID: 50

Type: **not specified**

Requirements for halo monitoring

Wednesday, October 20, 2021 2:00 PM (20 minutes)

Presenter: HERMES, Pascal (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 51

Type: **not specified**

Status of the halo monitor R&D and plans for the future

Wednesday, October 20, 2021 2:20 PM (20 minutes)

Presenter: BRAVIN, Enrico (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 52

Type: **not specified**

Criticality of fast failures in the HL-LHC with depleted halo

Wednesday, October 20, 2021 2:40 PM (20 minutes)

Presenter: HERNALSTEENS, Cedric (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 53

Type: **not specified**

Impact of high intensity protons on Nb₃Sn and NbTi superconductors - damage limits and mechanisms

Wednesday, October 20, 2021 3:00 PM (20 minutes)

Presenter: HERNALSTEENS, Cedric (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 54

Type: **not specified**

Proton halo leakage to IR6 extraction absorbers - quench margin in HL-LHC

Wednesday, October 20, 2021 3:20 PM (20 minutes)

Presenter: POTOINE, Jean-Baptiste (Universite Montpellier II (FR))

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 55

Type: **not specified**

Energy deposition studies for the TCDS upgrade

Wednesday, October 20, 2021 3:40 PM (20 minutes)

Presenter: FARINA, Edoardo Maria (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 56

Type: **not specified**

Results on HRM incl. status of CuCD

Wednesday, October 20, 2021 4:00 PM (20 minutes)

Presenter: GUARDIA VALENZUELA, Jorge (Universidad de Oviedo (ES))

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 57

Type: **not specified**

First results of examinations on proton-irradiated Mo-coated MoGr specimens

Wednesday, October 20, 2021 5:00 PM (20 minutes)

Presenter: SOLIERI, Nicola

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 58

Type: **not specified**

Collimation updates for v1.5

Wednesday, October 20, 2021 5:20 PM (20 minutes)

Presenter: LINDSTROM, Bjorn Hans Filip (CERN)

Session Classification: Wednesday PM - WP5/WP7/WP14/WP13

Contribution ID: 59

Type: **not specified**

Confirmation of the Inner Triplet circuit protection design

Thursday, October 21, 2021 8:30 AM (25 minutes)

Presenters: RAVAIOLI, Emmanuele (CERN); IZQUIERDO BERMUDEZ, Susana (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: **60**

Type: **not specified**

Status of experimental protection validation for HL magnets

Thursday, October 21, 2021 8:55 AM (15 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: **61**

Type: **not specified**

Auxiliary systems for protection (IFS, proximity equipment, warm diodes, EIQA racks, ...)

Thursday, October 21, 2021 9:10 AM (20 minutes)

Presenter: BEDNAREK, Mateusz Jakub (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: **62**

Type: **not specified**

Diode stack for DCM

Thursday, October 21, 2021 9:30 AM (20 minutes)

Presenter: D'ANGELO, Giorgio (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: **63**

Type: **not specified**

CLIQ & DQHDS - design and status

Thursday, October 21, 2021 9:50 AM (20 minutes)

Presenter: CARRILLO, David (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: **64**

Type: **not specified**

Energy Extraction Systems - design and status

Thursday, October 21, 2021 10:10 AM (20 minutes)

Presenter: PANEV, Bozhidar Ivanov (CERN)

Session Classification: Thursday AM - WP3/WP7

Contribution ID: 65

Type: **not specified**

WP5 plans for LS3

Thursday, October 21, 2021 8:30 AM (30 minutes)

Presenter: REDAELLI, Stefano (CERN)

Session Classification: Thursday AM - WP5

Contribution ID: **66**

Type: **not specified**

Overview of beam dynamics priorities for WP5

Thursday, October 21, 2021 9:00 AM (30 minutes)

Presenter: BRUCE, Roderik (CERN)

Session Classification: Thursday AM - WP5

Contribution ID: 67

Type: **not specified**

HL-UK-2 status and plans

Thursday, October 21, 2021 9:30 AM (30 minutes)

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

Session Classification: Thursday AM - WP5

Contribution ID: **68**

Type: **not specified**

Status of the BSRT upgrade for HiLumi

Thursday, October 21, 2021 8:30 AM (20 minutes)

Presenter: BUTTI, Daniele (University of London (GB))

Session Classification: Thursday AM - WP13

Contribution ID: **69**

Type: **not specified**

Status of BRANs for HL-LHC

Thursday, October 21, 2021 8:50 AM (20 minutes)

Presenter: MAZZONI, Stefano (CERN)

Session Classification: Thursday AM - WP13

Contribution ID: 70

Type: **not specified**

Status of the Beam Gas Vertex development for HiLumi

Thursday, October 21, 2021 9:10 AM (20 minutes)

Presenter: KOLBINGER, Bernadette (CERN)

Session Classification: Thursday AM - WP13

Contribution ID: 71

Type: **not specified**

Inner triplet BPM manufacturing

Thursday, October 21, 2021 9:50 AM (20 minutes)

Presenter: GUDKOV, Dmitry (Budker Institute of Nuclear Physics (RU))

Session Classification: Thursday AM - WP13

Contribution ID: 72

Type: **not specified**

Status of the Inner triplet BPM design, manufacturing and testing

Thursday, October 21, 2021 9:30 AM (20 minutes)

Presenter: KRUPA, Michal (CERN)

Session Classification: Thursday AM - WP13

Contribution ID: 73

Type: **not specified**

HEL open questions from WP2 & operational issues

Thursday, October 21, 2021 11:00 AM (20 minutes)

Presenter: HERMES, Pascal (CERN)

Session Classification: Thursday AM - WP5/WP2/WP10

Contribution ID: 74

Type: **not specified**

Progress on HEL impedance

Thursday, October 21, 2021 11:20 AM (20 minutes)

Presenter: MOUNET, Nicolas (CERN)

Session Classification: Thursday AM - WP5/WP2/WP10

Contribution ID: 75

Type: **not specified**

Matching Section and Dispersion Suppressor losses for proton and ion operation and respective implications

Thursday, October 21, 2021 11:40 AM (20 minutes)

Presenter: SABATE GILARTE, Marta (CERN)

Session Classification: Thursday AM - WP5/WP2/WP10

Contribution ID: 76

Type: **not specified**

Ion irradiation effects in collimator materials: overview and planning

Thursday, October 21, 2021 12:00 PM (20 minutes)

Presenter: ACCETTURA, Carlotta (Politecnico di Milano (IT))

Session Classification: Thursday AM - WP5/WP2/WP10

Contribution ID: 77

Type: **not specified**

DAQ systems and new ethernet based communication board - design and status

Thursday, October 21, 2021 11:00 AM (20 minutes)

Presenter: PODZORNY, Tomasz (CERN)

Session Classification: Thursday AM - WP7

Contribution ID: 78

Type: **not specified**

Protection device supervision units - design and status

Thursday, October 21, 2021 11:20 AM (20 minutes)

Presenter: SPASIC, Jelena (CERN)

Session Classification: Thursday AM - WP7

Contribution ID: 79

Type: **not specified**

Summary of capacitor qualification campaign for DQHDS

Thursday, October 21, 2021 11:40 AM (15 minutes)

Presenter: GUASCH MARTINEZ, Josep (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: Thursday AM - WP7

Contribution ID: **80**

Type: **not specified**

Summary of capacitor qualification campaign for CLIQ

Thursday, October 21, 2021 11:55 AM (15 minutes)

Presenter: CARRILLO, David (CERN)

Session Classification: Thursday AM - WP7

Contribution ID: **81**

Type: **not specified**

PICv2 and BISv2 for HL-LHC - design and status

Thursday, October 21, 2021 12:10 PM (20 minutes)

Presenter: UYTHOVEN, Jan (CERN)

Session Classification: Thursday AM - WP7

Contribution ID: **82**

Type: **not specified**

Engineering specification summary (cavity & cryomodule)

Thursday, October 21, 2021 2:00 PM (15 minutes)

Presenter: DASSA, Luca (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **83**

Type: **not specified**

Material qualifications for crab cavities

Thursday, October 21, 2021 2:15 PM (15 minutes)

Presenter: GALLIFA TERRICABRAS, Adria (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **84**

Type: **not specified**

Manufacturing of RFD prototypes & DQW series

Thursday, October 21, 2021 2:30 PM (15 minutes)

Presenter: BARRIÈRE, Simon (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **85**

Type: **not specified**

Industrial DQW pre-series status

Thursday, October 21, 2021 2:45 PM (15 minutes)

Presenter: CASTILLA LOEZA, Alejandro (Lancaster University (GB))

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **86**

Type: **not specified**

Industrial RFD status

Thursday, October 21, 2021 3:00 PM (15 minutes)

Presenter: NARDUZZI, Manuele

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: 87

Type: **not specified**

Industrial experience with cryomodule components

Thursday, October 21, 2021 3:15 PM (15 minutes)

Presenter: SAUZA BEDOLLA, Joel (University of Manchester (GB))

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **88**

Type: **not specified**

Discussion

Thursday, October 21, 2021 3:45 PM (45 minutes)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **89**

Type: **not specified**

RF feedthrough experience & HOM coupler series

Thursday, October 21, 2021 5:00 PM (15 minutes)

Presenter: MONTESINOS, Eric (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **90**

Type: **not specified**

CERN RF dipole HOM measurements

Thursday, October 21, 2021 5:15 PM (15 minutes)

Presenter: MITCHELL, James Alexander (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **91**

Type: **not specified**

AUP-RFD HOM couplers

Thursday, October 21, 2021 5:30 PM (15 minutes)

Presenters: DE SILVA, Subashini (Old Dominion University (US)); HUQUE, Naeem (Jefferson Lab)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: **92**

Type: **not specified**

Discussion

Thursday, October 21, 2021 5:45 PM (15 minutes)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada

Contribution ID: 93

Type: **not specified**

LMQXFB coldmass prototype/production experience and plan

Thursday, October 21, 2021 3:00 PM (20 minutes)

Presenter: PRIN, Herve (CERN)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: 94

Type: **not specified**

Cryostat production experience and plan

Thursday, October 21, 2021 3:20 PM (15 minutes)

Presenter: RAMOS, Delio (CERN)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: 95

Type: **not specified**

LMQXFA design modification due to requirements change

Thursday, October 21, 2021 3:35 PM (10 minutes)

Presenter: VOURIS, Antonios (Fermilab)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: 96

Type: **not specified**

LMQXFA coldmass production experience and plan

Thursday, October 21, 2021 3:45 PM (15 minutes)

Presenter: STRAUSS, Thomas (FNAL)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: 97

Type: **not specified**

LQXFA/B cryostat assembly production experience

Thursday, October 21, 2021 4:00 PM (10 minutes)

Presenter: RABEHL, Roger Jon (Fermi National Accelerator Lab. (US))

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: **98**

Type: **not specified**

LQXFA/B cryoassembly test

Thursday, October 21, 2021 4:10 PM (20 minutes)

Presenter: CHLACHIDZE, Guram (Fermilab)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: 99

Type: **not specified**

Mechanical instability of cables

Thursday, October 21, 2021 5:00 PM (30 minutes)

Presenter: NAUS, Michael (LBNL)

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: **100**

Type: **not specified**

Magnet assembly US-AUP

Thursday, October 21, 2021 5:30 PM (30 minutes)

Presenter: CHENG, Daniel

Session Classification: Thursday PM - WP3/US-AUP

Contribution ID: **101**

Type: **not specified**

Status and outlook of HL-LHC radiation tolerant developments and related guidelines

Thursday, October 21, 2021 2:00 PM (20 minutes)

Presenter: CORONETTI, Andrea (University of Jyvaskyla (FI))

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **102**

Type: **not specified**

Expected radiation level evolution in the LHCb insertion

Thursday, October 21, 2021 2:20 PM (20 minutes)

Presenter: CICCOTELLI, Alessia (University of Manchester (GB))

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **103**

Type: **not specified**

BLM ASIC production

Thursday, October 21, 2021 2:40 PM (20 minutes)

Presenter: ZAMANTZAS, Christos (CERN)

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **104**

Type: **not specified**

Designing radiation tolerant converter up to 500 Gy for HL-LHC

Thursday, October 21, 2021 3:00 PM (25 minutes)

Presenter: THUREL, Yves (CERN)

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **105**

Type: **not specified**

Radiation hard electronics for the Quench Detection System in HL-LHC: ongoing developments and challenges

Thursday, October 21, 2021 3:25 PM (20 minutes)

Presenter: STECKERT, Jens (CERN)

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **106**

Type: **not specified**

Status update on WP18: radiation-tolerant distributed I/O Tier platform

Thursday, October 21, 2021 3:45 PM (20 minutes)

Presenter: DANILUK, Greg (CERN)

Session Classification: Thursday PM - WP7/WP6B/WP10/WP13/WP18

Contribution ID: **107**

Type: **not specified**

Close-out session

Friday, October 22, 2021 4:30 PM (30 minutes)

Presenter: BRUNING, Oliver (CERN)

Contribution ID: **108**

Type: **not specified**

Safety coordination and warm powering systems for the HL-LHC IT String

Friday, October 22, 2021 8:30 AM (30 minutes)

Presenter: BOZZINI, Davide (CERN)

Session Classification: Friday AM - WP16

Contribution ID: **109**

Type: **not specified**

Infrastructure installation of HL-LHC IT STRING

Friday, October 22, 2021 9:00 AM (30 minutes)

Presenter: BLANCHARD, Sebastien (CERN)

Session Classification: Friday AM - WP16

Contribution ID: **110**

Type: **not specified**

Cryogenic system for HL-LHC IT STRING

Friday, October 22, 2021 9:30 AM (20 minutes)

Presenter: PERIN, Antonio (CERN)

Session Classification: Friday AM - WP16

Contribution ID: 111

Type: **not specified**

HL-LHC IT STRING control and analysis software for validation program

Friday, October 22, 2021 9:50 AM (20 minutes)

Presenter: YAMMINE, Samer (CERN)

Session Classification: Friday AM - WP16

Contribution ID: 112

Type: **not specified**

Documentation management for the HL-LHC IT String

Friday, October 22, 2021 10:10 AM (20 minutes)

Presenter: HEREDIA GARCIA, Nicolas (CIEMAT)

Session Classification: Friday AM - WP16

Contribution ID: **113**

Type: **not specified**

Instrumentation for WP6A system protection and monitoring signals

Friday, October 22, 2021 8:30 AM (20 minutes)

Presenter: FLEITER, Jerome (CERN)

Session Classification: Friday AM - WP7/WP6A

Contribution ID: **114**

Type: **not specified**

Proximity equipment for WP6A

Friday, October 22, 2021 8:50 AM (20 minutes)

Presenter: FLEITER, Jerome (CERN)

Session Classification: Friday AM - WP7/WP6A

Contribution ID: 115

Type: **not specified**

Quench detection and DAQ systems for WP6A

Friday, October 22, 2021 9:10 AM (20 minutes)

Presenter: STECKERT, Jens (CERN)

Session Classification: Friday AM - WP7/WP6A

Contribution ID: **116**

Type: **not specified**

Instrumentation for SPS tests and HL-LHC proposal

Friday, October 22, 2021 8:45 AM (15 minutes)

Presenter: LEVENS, Tom (CERN)

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: 117

Type: **not specified**

Stability issues of the CC amplitude feedback

Friday, October 22, 2021 9:00 AM (15 minutes)

Presenter: BUFFAT, Xavier (CERN)

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: **118**

Type: **not specified**

Performance estimates (slightly flat optics?)

Friday, October 22, 2021 9:30 AM (15 minutes)

Presenter: EFTHYMIPOULOS, Ilias (CERN)

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: **119**

Type: **not specified**

LHC injection loss studies and power limit update

Friday, October 22, 2021 9:45 AM (15 minutes)

Presenter: TIMKO, Helga (CERN)

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: 120

Type: **not specified**

High bandwidth PU using EO technologies

Friday, October 22, 2021 10:15 AM (15 minutes)

Presenter: ARTECHE GONZALEZ, Alberto (University of London (GB))

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: 121

Type: **not specified**

HEL Beam gas curtain tests at Cockcroft Institute

Friday, October 22, 2021 11:00 AM (30 minutes)

Presenter: SALEHILASHKAJANI, Amir (Liverpool University)

Session Classification: Friday AM - WP5/WP13

Contribution ID: 122

Type: **not specified**

HEL Beam gas curtain work at CERN (testing at LHC and HEL test stand)

Friday, October 22, 2021 11:30 AM (30 minutes)

Presenter: SCHNEIDER, Gerhard (CERN)

Session Classification: Friday AM - WP5/WP13

Contribution ID: 123

Type: **not specified**

HEL BPM design and tests

Friday, October 22, 2021 12:00 PM (30 minutes)

Presenter: WENDT, Manfred (CERN)

Session Classification: Friday AM - WP5/WP13

Contribution ID: 124

Type: **not specified**

Coil fabrication : status at CERN

Friday, October 22, 2021 2:00 PM (30 minutes)

Presenters: MILANESE, Attilio (CERN); LUSA, Nicholas (CERN)

Session Classification: Friday PM - WP3/US-AUP

Contribution ID: 125

Type: **not specified**

Coil fabrication: status at BNL

Friday, October 22, 2021 2:30 PM (30 minutes)

Presenter: SCHMALZLE, Jesse

Session Classification: Friday PM - WP3/US-AUP

Contribution ID: 126

Type: **not specified**

Coil fabrication: status at FNAL

Friday, October 22, 2021 3:00 PM (30 minutes)

Presenter: NOBREGA, Fred (Fermilab)

Session Classification: Friday PM - WP3/US-AUP

Contribution ID: 127

Type: **not specified**

Magnet assembly at CERN

Friday, October 22, 2021 3:30 PM (30 minutes)

Presenter: IZQUIERDO BERMUDEZ, Susana (CERN)

Session Classification: Friday PM - WP3/US-AUP

Contribution ID: **128**

Type: **not specified**

Focus on D1

Friday, October 22, 2021 9:30 AM (30 minutes)

Presenter: NAKAMOTO, Tatsushi (KEK)

Session Classification: Friday AM - WP3

Contribution ID: **129**

Type: **not specified**

Focus on D2 corrector

Friday, October 22, 2021 10:00 AM (30 minutes)

Presenter: WANG, Yingzhe (IHEP)

Session Classification: Friday AM - WP3

Contribution ID: **130**

Type: **not specified**

Focus on D2

Friday, October 22, 2021 11:00 AM (30 minutes)

Presenter: FARINON, Stefania (INFN e Universita Genova (IT))

Session Classification: Friday AM - WP3

Contribution ID: **131**

Type: **not specified**

Focus on HO correctors

Friday, October 22, 2021 11:30 AM (30 minutes)

Presenter: PRIOLI, Marco (Università degli Studi e INFN Milano (IT))

Session Classification: Friday AM - WP3

Contribution ID: 132

Type: **not specified**

Focus on nested corrector

Friday, October 22, 2021 12:00 PM (30 minutes)

Presenter: TORAL, Fernando (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: Friday AM - WP3

Contribution ID: 133

Type: **not specified**

Impact of broad-band impedance on longitudinal coupled-bunch instability

Friday, October 22, 2021 9:15 AM (15 minutes)

Presenter: KARPOV, Ivan (CERN)

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: 134

Type: **not specified**

Ferro-electric fast reactive tuning system

Friday, October 22, 2021 10:00 AM (15 minutes)

Presenter: SHIPMAN, Nicholas (Lancaster University (GB))

Session Classification: Friday AM - WP2/WP4/WP13

Contribution ID: 135

Type: **not specified**

Transport of RFD equipment to the UK

Thursday, October 21, 2021 3:30 PM (15 minutes)

Presenter: GARLASCHE, Marco (CERN)

Session Classification: Thursday PM - WP4/UK/US-AUP/Canada