

Conceptual Design Review of the Magnet Circuits for the HL-LHC



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and scope of the review (10')

Monday 21 March 2016 09:00 (10 minutes)

Presenter: ROSSI, Lucio (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 1

Type: **not specified**

The HL-LHC Magnets: Status report (20'+10')

Monday 21 March 2016 09:10 (30 minutes)

Presenter: TODESCO, Ezio (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 2

Type: **not specified**

HL-LHC Circuits: Global view and open questions (20'+10')

Monday 21 March 2016 09:40 (30 minutes)

Presenter: RODRIGUEZ MATEOS, Felix (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 3

Type: **not specified**

Integration of powering and protection systems (30'+10')

Monday 21 March 2016 10:40 (40 minutes)

Presenter: FESSIA, Paolo (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 4

Type: **not specified**

SC links (30'+10')

Monday 21 March 2016 11:20 (40 minutes)

Presenter: BALLARINO, Amalia (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 5

Type: **not specified**

Bus Bars (20'+10')

Monday 21 March 2016 12:00 (30 minutes)

Presenter: PRIN, Herve (CERN)

Session Classification: Session 1: Setting the scene and cold powering

Contribution ID: 6

Type: **not specified**

The Inner Triplet Circuit (15'+5')

Monday 21 March 2016 14:45 (20 minutes)

Presenter: RAVAIOLI, Emmanuele

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 7

Type: **not specified**

D1 (10'+5')

Monday 21 March 2016 15:05 (15 minutes)

Presenter: NAKAMOTO, Tatsushi

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 14

Type: **not specified**

Operation requirements (30'+10')

Tuesday 22 March 2016 08:30 (40 minutes)

Presenter: GIOVANNOZZI, Massimo (CERN)

Session Classification: Session 3: Systems

Contribution ID: 15

Type: **not specified**

Power converters: operational aspects (30'+10')

Tuesday 22 March 2016 09:10 (40 minutes)

Presenter: BURNET, Jean-Paul (CERN)

Session Classification: Session 3: Systems

Contribution ID: 16

Type: **not specified**

Quench detection (30'+10')

Tuesday 22 March 2016 09:50 (40 minutes)

Presenter: STECKERT, Jens (CERN)

Session Classification: Session 3: Systems

Contribution ID: 17

Type: **not specified**

CLIQ & HDS Units (20'+10')

Tuesday 22 March 2016 11:00 (30 minutes)

Presenter: DAHLERUP-PETERSEN, Knud (CERN)

Session Classification: Session 3: Systems

Contribution ID: **18**

Type: **not specified**

Warm cabling, cooling and ventilation (20'+10')

Tuesday 22 March 2016 11:30 (30 minutes)

Presenter: TAVIAN, Laurent Jean (CERN)

Session Classification: Session 3: Systems

Contribution ID: 29

Type: **not specified**

Closed session (30')

Monday 21 March 2016 08:30 (30 minutes)

Contribution ID: **30**

Type: **not specified**

The 11 T Dipole Magnet and protection (15'+5')

Monday 21 March 2016 13:45 (20 minutes)

Presenter: IZQUIERDO BERMUDEZ, Susana (CERN)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: **31**

Type: **not specified**

D2 (10'+5')

Monday 21 March 2016 15:20 (15 minutes)

Presenter: FABBRICATORE, Pasquale (INFN)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 32

Type: **not specified**

D1&D2: Circuit Aspects (10'+5')

Monday 21 March 2016 15:35 (15 minutes)

Presenter: RODRIGUEZ MATEOS, Felix (CERN)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 33

Type: **not specified**

Triplet Orbit Correctors (20'+10')

Monday 21 March 2016 16:20 (30 minutes)

Presenter: TORAL, Fernando (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 34

Type: **not specified**

Triplet High Order Correctors (20'+10')

Monday 21 March 2016 16:50 (30 minutes)

Presenter: VOLPINI, Giovanni (Università degli Studi e INFN Milano (IT))

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 35

Type: **not specified**

Matching section correctors (20'+10')

Monday 21 March 2016 17:20 (30 minutes)

Presenter: DE RIJK, Gijs (CERN)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 36

Type: **not specified**

Electrical Quality Assurance (20'+10')

Tuesday 22 March 2016 13:30 (30 minutes)

Presenter: RODRIGUEZ MATEOS, Felix (CERN)

Session Classification: Session 4: Elqa, MP3 and String

Contribution ID: 37

Type: **not specified**

Diagnostics and Analysis: The point of view of MP3 (20' + 10')

Tuesday 22 March 2016 14:00 (30 minutes)

Presenter: VERWEIJ, Arjan (CERN)

Session Classification: Session 4: Elqa, MP3 and String

Contribution ID: 38

Type: **not specified**

Inner Triplet String (30'+10')

Tuesday 22 March 2016 14:30 (40 minutes)

Presenter: BOTTURA, Luca (CERN)

Session Classification: Session 4: Elqa, MP3 and String

Contribution ID: 39

Type: **not specified**

Document Plan (20'+10')

Tuesday 22 March 2016 15:40 (30 minutes)

Presenter: DENZ, Reiner (CERN)

Session Classification: Session 5: Document plan and schedule

Contribution ID: 40

Type: **not specified**

Roadmap for decisions (20'+10')

Tuesday 22 March 2016 16:10 (30 minutes)

Presenter: WOLLMANN, Daniel (CERN)

Session Classification: Session 5: Document plan and schedule

Contribution ID: 41

Type: **not specified**

The principles of the Cliq System (10'+5')

Monday 21 March 2016 13:30 (15 minutes)

Presenter: RAVAIOLI, Emmanuele

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 42

Type: **not specified**

The 11 T Dipole Circuit(s) (15'+5')

Monday 21 March 2016 14:05 (20 minutes)

Presenter: YAMMINE, Samer (CERN)

Session Classification: Session 2: Protection of circuits and instrumentation

Contribution ID: 43

Type: **not specified**

The inner Triplet Magnets and protection (15'+5')

Monday 21 March 2016 14:25 (20 minutes)

Presenter: AMBROSIO, Giorgio (Fermilab)

Session Classification: Session 2: Protection of circuits and instrumentation