

Session Program

19-20 Oct 2017



International Review on the e-lens concept readiness for integration into the HL-LHC baseline

Status of design

CERN, 6/2-024 - BE Auditorium Meyrin

Thursday 19 October

08:30

Status of design

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin

08:30–08:40 **Introduction and recapitulation from the last review (2016)**

Speaker

Oliver Bruning

08:40–08:45 **Q&A**

08:45–09:10 **Functional specifications and parameter requirements**

Speaker

Stefano Redaelli

09:10–09:15 **Q&A**

09:15–09:40

Summary of reference design(s) [FNAL and RHIC designs] and CERN reference baseline overview

Speaker

Diego Perini

09:40–09:45 **Q&A**

09:45–10:10 **Electron-lens experience at Tevatron and RHIC**

Speaker

Giulio Stancari

10:10–10:15 **Q&A**

10:15–10:30 **Group picture + Coffee break**

10:30–10:55 **Layout and integration boundary conditions in IR4**

Speaker

Maria Amparo Gonzalez De La Aleja Cabana

10:55–11:00 **Q&A**

11:00–11:10 **Existing technical infrastructure boundaries (cryogenics)**

Speaker

Serge Claudet

11:10–11:15 **Q&A**

11:15–11:25 **Additional ancillaries for the operation of the HEL**

Speaker

Adriana Rossi

11:25-11:30 **Q&A**

11:30-11:55 **Proposed beam instrumentation for the hollow electron lens**

Speaker
Rhodri Jones

11:55-12:00 **Q&A**

12:00-12:25

Operational aspects and machine protection considerations (benign devices can be made transparent and turned off, ...)

Speaker
Roderik Bruce

12:25-12:30 **Q&A**

12:30