

## **Session Program**

**19-20 Oct 2017**



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

## ***Technical development and R&D plans***

CERN, 6/2-024 - BE Auditorium Meyrin

## Thursday 19 October

14:10

### Technical development and R&D plans

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

14:10–14:25

#### Safety aspects in IR4 (access constraints for operating the e-beam complex)

**Speaker**

Christelle Gaignant

14:25–14:30

#### Q&A

14:30–14:55

#### Simulation studies for the e-dynamics and discussion on the range of interesting e-currents (4-5A) and solenoid fields (4-6T), summary of BINP studies and range of required parameters

**Speaker**

Adriana Rossi

14:55–15:00

#### Q&A

15:00–15:15

#### Beam Gas Jet monitor

**Speaker**

Raymond Veness

15:15–15:20

#### Q&A

15:20–15:45

#### Superconducting Magnet System Conceptual Design for the Hollow e-lens (HEL) proposed for HL-LHC

**Speaker**

Glyn Kirby

15:45–15:50

#### Q&A

15:50–16:20

#### Coffee break

16:20–16:35

#### Injector and dump design details and developments

**Speaker**

Giorgia Gobbi

16:35–16:40

#### Q&A

16:40–17:05

#### List of ongoing studies and topics for a potential test facility and expected benefits for the reference design.

**Speaker**

Adriana Rossi

17:05-17:10

**Q&A**

17:10-17:35

**Planning, budget and schedule proposal for reference design, Discussion on required spares and maintenance scenarios**

**Speaker**

Stefano Redaelli

17:35-17:50

**Q&A**

18:30