

## **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&amp;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&amp;A

15:00-15:15 Beam Gas Jet monitor

**Speaker**

Raymond Veness

15:15-15:20 Q&amp;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&amp;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&amp;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	<b>Q&amp;A</b>
	17:10-17:35	<b>Planning, budget and schedule proposal for reference design, Discussion on required spares and maintenance scenarios</b>
18:30	<b>Speaker</b> Stefano Redaelli	
	17:35-17:50	<b>Q&amp;A</b>