

Session Program

24-26 Jun 2015



LHeC Workshop

Accelerator and ERL Facility

CERN (24 June) and Chavannes-de-Bogis (25-26 June)

Thursday 25 June

10:00

Accelerator and ERL Facility

Session | **Location:** | **Conveners:** Erk Jensen, Gianluigi Arduini

10:00–10:25 **MESA progress**

Speaker

Kurt Aulenbacher

Location

10:25–10:50 **High Intensity ERL developments**

Speaker

Christopher Mayes

Location

10:50–11:15 **ERL designs based on FFAG arcs (eRHIC, LHeC, Cornell)**

Speaker

Dejan Trbojevic

Location

11:15–11:40 **RF performance of SC cavities with Nitrogen doping**

Speaker

Anna grassellino

Location

11:40–12:05 **400 MHz cavity development**

Speaker

Ilan Ben-Zvi

Location

12:05–14:00 **Lunch**

14:00–14:25 **ERL SCRF Facility for CERN - CDR status**

Speaker

Erk Jensen

Location

14:25–14:50 **Source and Injector**

Speaker

Boris Militsyn

Location

14:50–15:20 **ERL facility: Design and Parameters**

Speaker

Alessandra Valloni

Location**15:20-15:45 Photon Beam Generation****Speaker**

Fabian Zomer

Location**15:45-16:10 Coffee break****16:10-16:40 Cavities****Speaker**

Rama Calaga

Location**16:40-17:00 Magnets****Speaker**

Attilio Milanese

Location**17:00-17:30 Cryomodule****Speaker**

Andrew Hutton

Location**17:30-17:50 Site****Speaker**

Nuria Catalan Lasheras

Location**17:50-18:15 LHeC Cavity Design Considerations****Speaker**

Frank Marhauser

Location

18:15

Friday 26 June

09:00

Accelerator and ERL Facility

Session | **Location:** | **Conveners:** Gianluigi Arduini, Erk Jensen

09:00–09:25 **FCC-eh**

Speaker

Daniel Schulte

Location

09:25–09:50 **LHeC ERL lattice**

Speaker

Alex Bogacz

Location

09:50–10:15 **LHeC Interaction region design**

Speaker

Rogelio Tomas Garcia

Location

10:15–10:40 **LHeC IR Magnet Design Issues**

Speaker

Brett Parker

Location

10:40–11:00 **Coffee break**

11:00–11:25 **Wake field effects in LHeC ERL**

Speaker

Dario Pellegrini

Location

11:25–11:50 **Beam-beam effects in LHeC**

Speaker

Edward William Nissen

Location

11:50–12:15 **Discussions**

Location

12:15