



# Electrons for the LHC - LHeC/FCCeh and Perle Workshop

## Wednesday 27 June 2018

### Parallel Sessions (Accelerator and PERLE): I (11:30 - 13:10)

time	[id] title	presenter
11:30	[54] Why PERLE as an ERL demonstrator	WILLIAMS, Peter
11:55	[55] Upgrade of the ALICE e- Photocathode Gun to 20mA	MILITSYN, Boris
12:20	[56] Design of PERLE injector	HOUNSELL, Benjamin
12:45	[57] Report on PERLE magnet Design	VALLÉRAND, Cynthia

### Parallel Sessions (Accelerator and PERLE): II (14:30 - 16:05)

time	[id] title	presenter
14:30	[58] Recent Results on a Multi-Cell 802 MHz bulk Nb Cavity	BOGACZ, Alex
14:55	[59] Development and Study of HOM coupler for the SRF ERL	GORGI ZADEH, Shahmam
15:20	[60] Cryostat Options for the SRF of the ERL of the LHeC and FCC-eh implementations	BOUSSON, Sébastien
15:45	[76] Production of electron beams using lasers at CERN: research, development and operation	GRANADOS, Eduardo

### Parallel Sessions (Accelerator and PERLE): III (16:30 - 18:00)

time	[id] title	presenter
16:30	[61] The Fixed Field return arc option for PERLE and LHeC	TRBOJEVIC, Dejan
17:00	[62] Possible nuclear-physics avenues offered by a Orsay-hosted 450-MeV PERLE	VERNEY, David
17:30	[63] ERL requirements and operation goals for electron beam based hadron beam cooling at the EIC design options	TRBOJEVIC, Dejan

# Thursday 28 June 2018

## **Parallel Sessions (Accelerator and PERLE): IV (09:30 - 11:00)**

time	[id] title	presenter
09:30	[64] Summary of the CBETA status and commissioning	HOFFSTAETTER, Georg
10:00	[65] Summary of the bERLinPro status and commissioning	KUSKE, Bettina
10:30	[66] Summary and Status of the MESA ERL	HUG, Florian

## **Parallel Sessions (Accelerator and PERLE): V (11:30 - 13:10)**

time	[id] title	presenter
11:30	[67] Scaling options and cost estimate for the LHeC ERL	BRUNING, Oliver
11:55	[68] Options for the LHeC ERL – Performance Optimization	BOGACZ, Alex
12:20	[69] Progress with FCC-eh IR design and SR load	MARTIN, Roman
12:45	[70] Update on the civil engineering work for LHeC and FCC-eh	STUART, Matthew James

## **Parallel Sessions (Accelerator and PERLE): VI (14:30 - 15:45)**

time	[id] title	presenter
14:30	[71] CLIC Technology as an Option for the electron accelerator of an eh collider	ZIMMERMANN, Frank
14:55	[72] Development of High Current Polarized e- guns	GRAMES, Joseph
15:20	[73] Performances of thermionic cathodes	PERINI, Diego

## **Parallel Sessions (Accelerator and PERLE): VII (16:10 - 17:00)**

time	[id] title	presenter
16:10	[74] Latest Developments and Progress on the IR magnet design	PARKER , Brett
16:35	[75] Dynamic Aperture in the LHeC and FCC-eh with IR magnet errors	CRUZ ALANIZ, Emilia