

**LER workshop -
CARE-HHH-AMT**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and Introduction to LER

Wednesday 11 October 2006 08:30 (25 minutes)

Author: Prof. ROSSI, Lucio (CERN)

Presenter: Prof. ROSSI, Lucio (CERN)

Session Classification: open session

Track Classification: open session

Contribution ID: 2

Type: **not specified**

Basic layout of LER

Wednesday 11 October 2006 08:55 (40 minutes)

Presenter: DE RIJK, Gijs (CERN)

Session Classification: open session

Contribution ID: 3

Type: **not specified**

Major LER components

Wednesday 11 October 2006 09:35 (50 minutes)

Presenter: Dr PIEKARZ, Henryk (FNAL)

Session Classification: open session

Contribution ID: 4

Type: **not specified**

LER and transfer line lattice design

Wednesday 11 October 2006 10:45 (30 minutes)

Presenter: Dr JOHNSTONE, John (FNAL)

Session Classification: open session

Contribution ID: 5

Type: **not specified**

Power supplies for arc and fast switching transferline magnets

Wednesday 11 October 2006 11:15 (30 minutes)

Presenter: Mr HAYS, Steven (FNAL)

Session Classification: open session

Contribution ID: 6

Type: **not specified**

Cryogenics for arc and transferline magnets

Wednesday 11 October 2006 11:45 (30 minutes)

Presenter: Dr HUANG, Yuenian (FNAL)

Session Classification: open session

Contribution ID: 7

Type: **not specified**

LER accelerator physics issues (I): beam impedance and instabilities

Wednesday 11 October 2006 13:30 (40 minutes)

Presenter: Dr SHILTSEV, Vladimir (FNAL)

Session Classification: open session

Contribution ID: 8

Type: **not specified**

LER accelerator physics issues (II): batch coalescing, field quality and dynamic aperture, correction systems, emittance

Wednesday 11 October 2006 14:10 (40 minutes)

Presenter: Dr SEN, Tanaji (FNAL)

Session Classification: open session

Contribution ID: **10**

Type: **not specified**

Detector safety system with LER

Wednesday 11 October 2006 14:50 (35 minutes)

Presenter: Dr PIEKARZ, Henryk (FNAL)

Session Classification: open session

Contribution ID: 12

Type: **not specified**

**Guided discussion with 5' "devils advocate" views on
Layout, Optics, Experiment bypass, Kicker and risks,
beam emittance and intensity, Instrumentation, RF,
Vacuum**

Wednesday 11 October 2006 15:45 (1h 30m)

Session Classification: open session

Contribution ID: 16

Type: **not specified**

Conclusions

Wednesday 11 October 2006 17:15 (45 minutes)

Author: DE RIJK, Gijs (CERN)

Presenters: DE RIJK, Gijs (CERN); Dr PIEKARZ, Henryk (FNAL); Dr JOHNSTONE, John (FNAL); Prof. ROSSI, Lucio (CERN); Mr HAYS, Steven (FNAL); SEN, Tanaji (Fermilab); Dr SHILTSEV, Vladimir (Fermilab); Dr HUANG, Yuenian (FNAL)

Session Classification: open session