LIU Day 2014

Report of Contributions

https://indico.cern.ch/e/299470
Welcome

Friday, 11 April 2014 08:30 (5 minutes)

Presenter: BORDRY, Frederick (CERN)
Session Classification: Session 1
Welcome & LIU project news (Highlights 2013, 2014 objectives...) 20’+5’

Friday, 11 April 2014 08:35 (25 minutes)

Presenter: GAROBY, Roland (CERN)
Session Classification: Session 1
LHC expectations on injectors (after LS1 and in the long term...) 20’+10’

Friday, 11 April 2014 09:00 (30 minutes)

Presenter:  DE MARIA, Riccardo (CERN)
Session Classification:  Session 1
Beams after LS1 (e-cloud status in PS and SPS, scrubbing plans in SPS and LHC, BCMS for 25 ns in LHC, 8b+4e option, ...) 10’+10’

Friday, 11 April 2014 09:30 (20 minutes)

**Presenter:**  RUMOLO, Giovanni (CERN)

**Session Classification:** Session 1
Linac4 commissioning overview 10’+10’

Friday, 11 April 2014 09:50 (20 minutes)

Presenter: LOMBARDI, Alessandra (CERN)
Session Classification: Session 1
H- ion source development programme 10’+10’

Friday, 11 April 2014 10:30 (20 minutes)

Presenter: LETTRY, Jacques (CERN)
Session Classification: Session 2
Linac4 Drift Tube Linac 10'+10'

Friday, 11 April 2014 10:50 (20 minutes)

Presenter: RAMBERGER, Suitbert (CERN)
Session Classification: Session 2
New PSB beam dump 10’+10’

Friday, 11 April 2014 11:10 (20 minutes)

Presenter:  PERILLO MARCONE, Antonio (CERN)
Session Classification:  Session 2
PSB injection beam dynamics 10'+10'

Friday, 11 April 2014 11:30 (20 minutes)

Presenter:  BRACCO, Chiara (CERN)
Session Classification:  Session 2
PS: longitudinal instabilities and damper 10’+10’

Friday, 11 April 2014 11:50 (20 minutes)

**Presenter:** VENTURA, Letizia

**Session Classification:** Session 2
PS: new “one-turn delay” feedbacks 10’+10’

Friday, 11 April 2014 12:10 (20 minutes)

Presenter: PERRELET, Damien (CERN)
Session Classification: Session 2
PS: transverse beam dynamics issues 15’+10’

Friday, 11 April 2014 14:00 (25 minutes)

Presenter: WASEF, Raymond (Institut National Polytechnique de Grenoble (FR))
Session Classification: Session 3
SPS: instabilities and impedance model in longitudinal and transverse planes $2\times10^\prime+15^\prime$

*Friday, 11 April 2014 14:25 (35 minutes)*

**Presenters:** ZANNINI, Carlo (CERN); VARELA CAMPELO, Jose Enrique (CERN)

**Session Classification:** Session 3
SPS to LHC transfer line collimation 15’+10’

Friday, 11 April 2014 15:00 (25 minutes)

Presenter:  KAIN, Verena (CERN)
Session Classification:  Session 3
LEIR model (plan for understanding/upgrading LEIR performance limitations) 10’+10’

Friday, 11 April 2014 15:45 (20 minutes)

Presenter: BODENDORFER, Michael Andreas (CERN)
Session Classification: Session 4
New ion injection system in the SPS (mode of operation with beam, beam optics, hardware) 10’+10’

Friday, 11 April 2014 16:05 (20 minutes)

Presenter:  KRAMER, Thomas (CERN)
Session Classification:  Session 4
Slip stacking in the SPS (mode of operation with beam, simulations, scheduled tests and implementation) 10’+10’

Friday, 11 April 2014 16:25 (20 minutes)

Presenter: ARGYROPOULOS, Theodoros
Session Classification: Session 4