

Session Program

13-15 Feb 2019



LHC Injectors Upgrade

LHC Injectors Upgrade Workshop

Session 1: LIU beam performance

Royal Plaza Montreux & Spa
Av. Claude Nobs 7 1820 Montreux SUISSE

Wednesday 13 February

15:50

Session 1: LIU beam performance

Session | **Location:** Royal Plaza Montreux & Spa, Av. Claude Nobs 7 1820 Montreux SUISSE | **Conveners:** Heiko Damerau, Giovanni Rumolo

15:50-16:20

Beam parameter requirements from HL-LHC

Speaker

Rogelio Tomas Garcia

16:20-16:50

Performance and reliability with ions from Linac3 to PS

Speaker

Nicolo Biancacci

16:50-17:20

Beam quality and reproducibility from Linac4, including strategy for its source

Speaker

Alessandra Lombardi

17:20

17:40

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17:40-18:00

Acceleration and longitudinal emittance control in the PSB after LIU

Speaker

Simon Albright

18:00-18:20

Brightness and transverse emittance from the PSB

Speaker

Fanouria Antoniou

18:20-18:40

Transverse effects with twice brighter beams in the PS

Speaker

Matthew Alexander Fraser

18:40-19:00

PS intensity reach and longitudinal parameters after LIU

Speaker

Alexandre Lasheen

19:00

Thursday 14 February

08:30

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08:30–09:00

Transverse beam quality and stability in the SPS (protons and ions)

Speaker

Hannes Bartosik

09:00–09:30

Longitudinal beam quality and stability in the SPS (protons and ions)

Speaker

Elena Shaposhnikova

09:30–10:00

Wrap up of Session 1: LIU beam performance reach

Speakers

Giovanni Rumolo, Heiko Damerau

10:00