

Session Program

9-13 Apr 2018



FCC Week 2018

HE LHC

Beurs van Berlage
Damrak 243, 1012 ZJ Amsterdam, Netherlands

Tuesday 10 April

13:30

HE LHC: Options and beam-beam

Session | Location: 1.2, P5 Mendes kamer | Convener: Angeles Faus-Golfe

13:30-13:50 Nuclear beams at HE-LHC

Speaker

John Jowett

13:50-14:10 Dynamic aperture at injection for different lattice options

Speaker

Yuri Nosochkov

14:10-14:30 HE-LHC with flat beams

Speaker

Jose Abelleira

14:30-14:50 Beam-Beam Effects

Speaker

Tatiana Pieloni

15:00

Thursday 12 April

13:30

HE LHC: Parameters and optics (review)

Session | Location: 0.5, P2 Graanbeurszaal | Convener: Andrei Seryi

13:30-13:48 **Parameters, constraints, options**

Speaker

Frank Zimmermann

13:48-14:06 **HE-LHC Optics overview**

Speaker

Rogelio Tomas Garcia

14:06-14:24 **Experimental Interaction Region Optics for the High Energy LHC**

Speaker

Leon Van Riesen-Haupt

14:24-14:42 **Injection and extraction**

Speaker

Brennan Goddard

14:42-15:00 **Optics Integration**

Speaker

Jacqueline Keintzel

15:00

15:30

HE LHC: Collimation and beam dynamics (review)

Session | Location: 0.5, P2 Graanbeurszaal | Convener: Yunhai Cai

15:30-15:48 **IR1/5 radiation shielding**

Speaker

Jose Abelleira

15:48-16:06 **Collimation**

Speaker

Matthew Paul Crouch

16:06-16:24 **Correction Circuits and Dynamic Aperture**

Speaker

Michael Hofer

16:24-16:42 **First HE-LHC impedance model and aspects of single beam stability**

Speaker

David Amorim

16:42-17:00 **HE-LHC electron cloud**

Speaker

Lotta Methner

17:00