

LHC, FCC-ee, FCC-hh Interplay

Report of Contributions

Contribution ID: 1

Type: **not specified**

Flavour at FCC-ee

Friday 25 November 2016 13:00 (30 minutes)

Presenter: FESEL KAMENIK, Jernej (Jozef Stefan Institute (SI))

Contribution ID: 2

Type: **not specified**

Flavour at LHC

Friday 25 November 2016 13:30 (30 minutes)

Presenter: PEREZ, Gilad (CERN & Weizmann)

Contribution ID: 3

Type: **not specified**

Complementarity of sterile neutrino searches at the FCCs

Friday 25 November 2016 14:00 (30 minutes)

Sterile neutrinos are among the most attractive extensions of the SM to generate the light neutrino masses observed in neutrino oscillation experiments. When the sterile neutrinos are subject to a protective symmetry, they can have Majorana masses around the electroweak scale and potentially large neutrino Yukawa couplings, which makes them testable at the planned Future Circular Colliders. In this talk I outline a systematic assessment of the signatures for sterile neutrino searches at electron-positron, proton-proton and electron-proton colliders. I present preliminary results on foreseeable sensitivities of the most promising signatures and compare the performance of the different collider types.

Presenter: FISCHER, Oliver (u)

Contribution ID: 4

Type: **not specified**

Discussion: The flavour puzzle and future colliders.

Friday 25 November 2016 14:30 (15 minutes)

Contribution ID: 5

Type: **not specified**

Coffee

Friday 25 November 2016 14:45 (30 minutes)

Contribution ID: 6

Type: **not specified**

Precision Electroweak at FCC-ee

Friday 25 November 2016 15:15 (30 minutes)

Presenter: YOU, Tevong (University of Cambridge)

Contribution ID: 7

Type: **not specified**

Precision Electroweak at FCC-ee

Friday 25 November 2016 15:45 (30 minutes)

Presenter: Dr DE BLAS MATEO, Jorge (INFN - National Institute for Nuclear Physics)

Contribution ID: 8

Type: **not specified**

Discussion: Precision EW at Future Colliders

Friday 25 November 2016 16:15 (15 minutes)

Contribution ID: 9

Type: **not specified**

Overview of Exotics at Hadron Colliders

Friday 25 November 2016 16:30 (30 minutes)

Presenter: FACINI, Gabriel (University of Chicago (US))

Contribution ID: **10**

Type: **not specified**

Dark matter at colliders

Friday 25 November 2016 17:00 (30 minutes)

Presenter: SCHWALLER, Pedro Klaus (DESY)

Contribution ID: **11**

Type: **not specified**

Displaced vertices.

Friday 25 November 2016 17:30 (30 minutes)

Presenter: CURTIN, David (University of Maryland)

Contribution ID: **12**

Type: **not specified**

Tea time.

Friday 25 November 2016 18:00 (30 minutes)

Contribution ID: 13

Type: **not specified**

Discussion: Dark Matter and Exotics at FCC-ee

Friday 25 November 2016 18:30 (15 minutes)

Contribution ID: 14

Type: **not specified**

BSM Implications of Precision Higgs at Future Colliders

Friday 25 November 2016 18:45 (30 minutes)

Presenter: FAN, Jiji (Brown University)

Contribution ID: 15

Type: **not specified**

Precision Higgs at FCC-ee

Friday 25 November 2016 19:15 (30 minutes)

Presenter: CRAIG, Nathaniel (UC Santa Barbara)

Contribution ID: 16

Type: **not specified**

Discussion: Precision Higgs at Future Colliders

Friday 25 November 2016 19:45 (15 minutes)

Contribution ID: 17

Type: **not specified**

Pizza

Friday 25 November 2016 20:00 (2 hours)

Contribution ID: **18**

Type: **not specified**

The seesaw and leptonic CP violation at FCC-ee

Friday 25 November 2016 12:40 (20 minutes)

Presenter: Prof. HERNANDEZ, Pilar