Session Program

7-10 Apr 2019



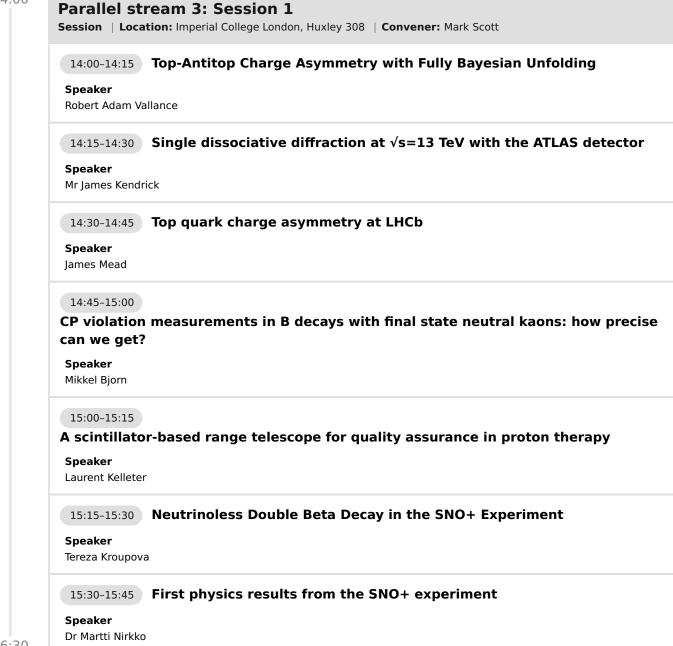
IOP Joint HEPP and APP Annual Conference 2019

Parallel stream 3

Imperial College London, Clore Lecture Theatre, Huxley 213 Imperial College London Prince Consort Road South Kensington London

Monday 8 April

14:00



16:30

Tuesday 9 April

11:00

Parallel stream 3: Session 2

Session | Location: Imperial College London, Huxley 308 | Conveners:

Justin Evans, Justin Evans, Justin Evans, Patrick James Dunne, Patrick James Dunne, Abbey Waldron, Patrick James Dunne

11:00-11:15 Photon yield and MCP-PMTs in a prototype TORCH detector.

Speaker

Emmy Pauline Maria Gabriel

11:15-11:30 Beam test studies of a prototype TORCH detector

Speaker

Thomas Henry Hancock

11:30-11:45

Search for chargino and neutralino production in final state with three leptons and missing transverse momentum, via WH intermediate decays

Speaker

Fabrizio Trovato

11:45-12:00

A search for light Higgs bosons in supersymmetric decay cascades at CMS.

Speaker

Joseph Taylor

12:00-12:15

Searches for NMSSM Signatures with low Missing Transverse Energy at the CMS detector at the LHC

Speaker

Alexander Titterton

12:15-12:30

Approaching the neutrino mass problem with a beam dump experiment.

Speaker

Tommaso Boschi

13:00

Wednesday 10 April

11:00

Parallel stream 3: Session 3 Session | Location: Imperial College London, Huxley 308 | Conveners: Abbey Waldron, Samuel Webb, Chamkaur Ghag 11:00-11:15 Measurement of the CP violation parameter AΓ at LHCb with D^0 → π - π + π - π + decays. Speaker Lauren Marie Douglas 11:15-11:30 Search for CP violation in Lb->p3pi decays Speaker **Gediminas Sarpis** 11:30-11:45 Hunt for Hidden Photons in the LZ Experiment Speaker Athoy Nilima 11:45-12:00 Neutrinoless Double Beta Decay in LZ Speaker **Rob Taylor** 12:00-12:15 Measuring the mass of the Higgs Boson at the ATLAS detector in the H→ZZ*→4I channel using an analytic model **Speaker** Thomas Powell 12:15-12:30

Search for Decays of the Higgs Boson into a Z Boson and a Light Hadronically

13:00

Decaying Resonance

Speaker Elliot Reynolds