UK HEP Forum: Cosmology, Gravitation and Particle Physics

Report of Contributions

https://conference.ippp.dur.ac.uk/e/629

Contribution ID: **0** Type: **not specified**

Welcome

Tuesday, 28 November 2017 10:00 (15 minutes)

Presenter: Prof. ELLIS, Keith (IPPP)

Contribution ID: **1** Type: **not specified**

The limits of Cosmology

Tuesday, 28 November 2017 10:15 (35 minutes)

Presenter: Prof. SILK, Joseph (University of Oxford)

Contribution ID: **2** Type: **not specified**

Gravitational wave experimental overview

Tuesday, 28 November 2017 11:00 (35 minutes)

Presenter: FREISE, Andreas (University of Birmingham)

Contribution ID: **3** Type: **not specified**

Gravitational waves and particle physics

Tuesday, 28 November 2017 11:45 (35 minutes)

Presenter: Prof. JAECKEL, Joerg (ITP Heidelberg)

Contribution ID: **4** Type: **not specified**

Dark energy and large scale surveys

Tuesday, 28 November 2017 14:00 (35 minutes)

Presenter: CHISARI, Elisa (University of Oxford)

Contribution ID: **5** Type: **not specified**

Dark energy and table-top experiments

Tuesday, 28 November 2017 14:45 (35 minutes)

Presenter: Prof. COPELAND, Ed (University of Nottingham)

Contribution ID: **6** Type: **not specified**

Electroweak baryogenesis and leptogenesis

Tuesday, 28 November 2017 15:30 (35 minutes)

Presenter: HUBER, Stefan (University of Sussex)

Contribution ID: **7** Type: **not specified**

Experimental results on neutrinos

Tuesday, 28 November 2017 16:45 (35 minutes)

Presenter: SOLDNER-REMBOLD, Stefan (University of Manchester)

Contribution ID: **8** Type: **not specified**

Cosmic Microwave background

Tuesday, 28 November 2017 17:30 (35 minutes)

Presenter: JACQUES, Delabrouille (Laboratoire AstroParticule et Cosmologie, Paris)

Contribution ID: **9** Type: **not specified**

Modified gravity

Wednesday, 29 November 2017 09:00 (35 minutes)

Presenter: BAKER, Tessa (University of Oxford)

Contribution ID: **10** Type: **not specified**

Dark matter simulations

Wednesday, 29 November 2017 09:45 (35 minutes)

Presenter: FRENK, Carlos (Durham University)

Contribution ID: **11** Type: **not specified**

Dark matter: from simulations to detection

Wednesday, 29 November 2017 11:00 (35 minutes)

Presenter: BOZORGNIA, Nassim (IPPP)

Contribution ID: **12** Type: **not specified**

Dark matter direct and indirect searches

Wednesday, 29 November 2017 11:45 (35 minutes)

Presenter: Dr MURPHY, Alex (University of Edinburgh)

Contribution ID: **13** Type: **not specified**

Collider dark matter searches and combination with other searches

Wednesday, 29 November 2017 14:00 (35 minutes)

Presenter: Dr PENNING, Bjoern (University of Bristol)

Contribution ID: **14** Type: **not specified**

Recent advances on light dark matter and axions

Wednesday, 29 November 2017 14:45 (35 minutes)

Presenter: HARDY, Ed (University of Liverpool)

Contribution ID: **15** Type: **not specified**

Farewell

Wednesday, 29 November 2017 15:30 (5 minutes)

Contribution ID: **16** Type: **not specified**

Searching for invisible phenomena through measurement of events with jets and large missing transverse momentum in pp collisions at ATLAS

Tuesday, 28 November 2017 18:15 (5 minutes)

Presenter: PICKLES, Rebecca

Session Classification: Poster session and reception

Contribution ID: **17** Type: **not specified**

Searching for New Physics in Neutrino Trident Production

Tuesday, 28 November 2017 18:25 (5 minutes)

Presenter: HOSTERT, Matheus

Session Classification: Poster session and reception

Contribution ID: **18** Type: **not specified**

Phenomenology of Neutrino-DM interactions

Tuesday, 28 November 2017 18:20 (5 minutes)

Presenter: OLIVARES-DEL-CAMPO, Andres (IPPP Durham)

Session Classification: Poster session and reception

Contribution ID: **19** Type: **not specified**

Physics from the bottom up: fitting effective field theory coefficients using Higgs cross section measurements at ATLAS

Tuesday, 28 November 2017 18:30 (5 minutes)

Presenter: ŽEMAITYTĖ, Gabija

Session Classification: Poster session and reception

Contribution ID: **20** Type: **not specified**

Long-Lived Heavy Neutrinos From Higgs Decays

Tuesday, 28 November 2017 18:35 (5 minutes)

Presenter: LIU, Wei

Session Classification: Poster session and reception

Contribution ID: **21** Type: **not specified**

Direct Detection in Higher Dimensions: A New Tool

Tuesday, 28 November 2017 18:40 (5 minutes)

Presenter: CHEEK, Andrew

Session Classification: Poster session and reception