

New developments of LLPs at (HL-)LHC

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Tuesday 5 March 2019 16:00 (5 minutes)

Name: LLPs_at_HL-LHC

Description: Informal meeting about detector upgrades for HL-LHC and sensitivity for long-lived beyond-SM particles.

Extension: 10793591

Owner: Christian Ohm

Room PIN: 1234

Autojoin link: <https://client-select.web.cern.ch/?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F1qbHehdYII>

Presenters: APRESYAN, Artur (Fermi National Accelerator Lab. (US)); OHM, Christian (KTH Royal Institute of Technology (SE)); WANG, LianTao (University of Chicago); LIU, Zhen (U of Maryland)

Contribution ID: 2

Type: **not specified**

New theory ideas for LLPs

Tuesday 5 March 2019 16:05 (10 minutes)

TBA

Presenters: LIU, Jia (University of Chicago); LIU, Jia (University of Chicago)

Contribution ID: 3

Type: **not specified**

Timing Dark Shower Signals at the LHC

Tuesday 5 March 2019 16:15 (10 minutes)

TBA

Presenter: KUMAR, Soubhik (University of Maryland)

Contribution ID: 4

Type: **not specified**

CMS trigger developments for HL-LHC: MIP Timing Detector in Level-1 trigger

Tuesday 5 March 2019 16:35 (15 minutes)

TBA

Presenter: OJALVO, Isobel (Princeton University (US))

Contribution ID: 5

Type: **not specified**

CMS: New analysis developments

Tuesday 5 March 2019 16:50 (15 minutes)

TBA

Presenter: SOFFI, Livia (Cornell University (US))

Contribution ID: 6

Type: **not specified**

CMS: New Developments on Long-Lived Particles

Tuesday 5 March 2019 17:05 (15 minutes)

TBA

Presenter: PEÑA, Cristián (Fermi National Accelerator Lab. (US))

Contribution ID: 7

Type: **not specified**

LLP searches in (future) ATLAS: thoughts on challenges and opportunities

Tuesday 5 March 2019 17:30 (15 minutes)

Presenter: PAGAN GRISO, Simone (Lawrence Berkeley National Lab. (US))

Contribution ID: 8

Type: **not specified**

Timing capabilities of ATLAS subdetectors

Tuesday 5 March 2019 17:45 (15 minutes)

Presenter: OHM, Christian (KTH Royal Institute of Technology (SE))

Contribution ID: 9

Type: **not specified**

New developments towards hadronic final states (LHCb)

Tuesday 5 March 2019 18:00 (15 minutes)

Presenter: CID VIDAL, Xabier (Instituto Galego de Física de Altas Enerxías)

Contribution ID: **10**

Type: **not specified**

LLP@LHCb upgrade perspective

Tuesday 5 March 2019 18:15 (15 minutes)

Presenter: VAZQUEZ SIERRA, Carlos (Nikhef National institute for subatomic physics (NL))

Contribution ID: 11

Type: **not specified**

Summary

Tuesday 5 March 2019 18:40 (20 minutes)

Summary gathered by Zhen afterward.
Please feel free to edit.

Presenters: APRESYAN, Artur (Fermi National Accelerator Lab. (US)); OHM, Christian (KTH Royal Institute of Technology (SE)); WANG, LianTao (University of Chicago); LIU, Zhen (U of Maryland)