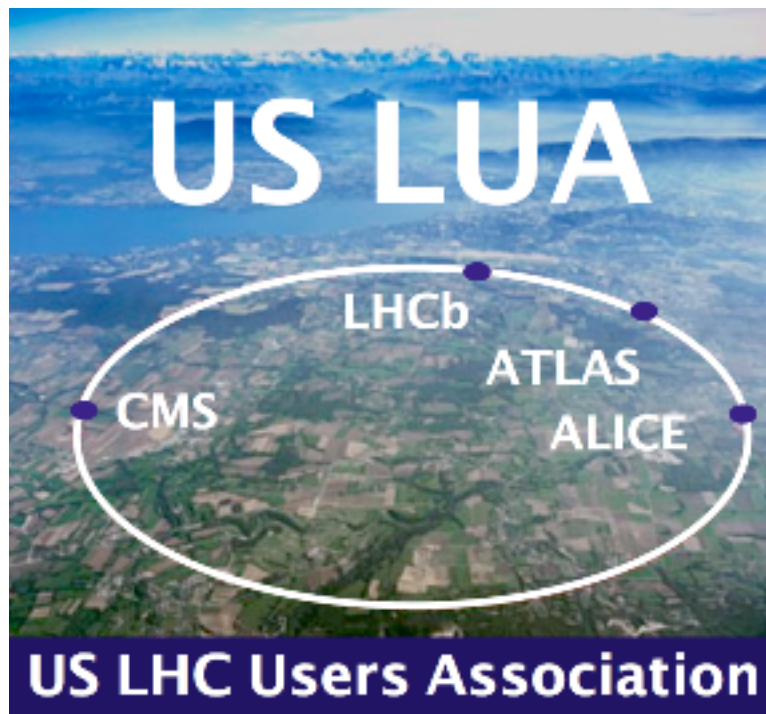


US LHC Users Association Annual Meeting



Report of Contributions

Contribution ID: 0

Type: **not specified**

Executive Committee Meeting

Wednesday, 12 November 2014 17:00 (1 hour)

Presenter: NEWMAN, Harvey (Caltech)

Contribution ID: 1

Type: **not specified**

Welcome Reception

Wednesday, 12 November 2014 18:00 (1h 30m)

Contribution ID: 2

Type: **not specified**

Welcome to Argonne

Thursday, 13 November 2014 09:00 (10 minutes)

Presenter: YOSHIDA, Rik (ANL)

Session Classification: Session 1 Building 240

Contribution ID: 3

Type: **not specified**

US LUA Chair's Report

Thursday, 13 November 2014 09:10 (30 minutes)

Presenter: NEWMAN, Harvey (Caltech)

Session Classification: Session 1 Building 240

Contribution ID: 4

Type: **not specified**

LARP

Thursday, 13 November 2014 10:10 (25 minutes)

Presenter: Dr PREBYS, Eric (Fermilab)

Session Classification: Session 1 Building 240

Contribution ID: 5

Type: **not specified**

Status and Outlook of the LHC

Thursday, 13 November 2014 09:40 (30 minutes)

Presenter: Dr PAPOTTI, Giulia (CERN)

Session Classification: Session 1 Building 240

Contribution ID: 6

Type: **not specified**

ATLAS Highlights and Outlook

Thursday, 13 November 2014 11:00 (30 minutes)

Presenter: Prof. BROCK, Raymond (Michigan State University)

Session Classification: Session 2 Building 240

Contribution ID: 7

Type: **not specified**

CMS Highlights and Outlook

Thursday, 13 November 2014 11:30 (30 minutes)

Presenter: Dr CAMPORESI, Tiziano (CERN)

Session Classification: Session 2 Building 240

Contribution ID: **8**

Type: **not specified**

LHCb Highlights and Upgrades

Thursday, 13 November 2014 12:00 (30 minutes)

Presenter: SOKOLOFF, Mike (Cincinnati)

Session Classification: Session 2 Building 240

Contribution ID: 9

Type: **not specified**

ALICE Highlights and Upgrades

Thursday, 13 November 2014 13:45 (30 minutes)

Presenter: Dr JACOBS, Peter (Lawrence Berkeley National Laboratory)

Session Classification: Session 3 Building 362

Contribution ID: **10**

Type: **not specified**

CMS Upgrade Program

Thursday, 13 November 2014 14:15 (25 minutes)

Presenter: MANS, Jeremiah (University of Minnesota)

Session Classification: Session 3 Building 362

Contribution ID: **11**

Type: **not specified**

ATLAS Upgrade Program

Thursday, 13 November 2014 14:40 (25 minutes)

Presenter: CANEPA, Anadi (TRIUMF)

Session Classification: Session 3 Building 362

Contribution ID: 12

Type: **not specified**

Young Physicists' Lightning Round 1

Presenter: BLOOM, Ken (University of Nebraska-Lincoln)

Contribution ID: 13

Type: **not specified**

Supporting Young Physicists

Thursday, 13 November 2014 16:25 (25 minutes)

Presenter: Dr MALLIK, Usha (The University of Iowa)

Session Classification: Session 4 Building 362

Contribution ID: 14

Type: **not specified**

DOE Office of HEP Report

Thursday, 13 November 2014 16:50 (25 minutes)

Presenter: Dr PATWA, Abid (U.S. Department of Energy)

Session Classification: Session 4 Building 362

Contribution ID: 15

Type: **not specified**

NSF EPP Office Report

Thursday, 13 November 2014 17:15 (25 minutes)

Presenter: Prof. SHANK, James (NSF)

Session Classification: Session 4 Building 362

Contribution ID: 16

Type: **not specified**

DOE Office of NP Report

Thursday, 13 November 2014 17:40 (25 minutes)

Presenter: Dr SOWINSKI, James (DOE Office of Nuclear Physics)

Session Classification: Session 4 Building 362

Contribution ID: 17

Type: **not specified**

The Dark Matter and Higgs Sectors

Thursday, 13 November 2014 18:05 (40 minutes)

Presenter: FAN, JiJi (Syracuse)

Session Classification: Session 5 Building 362

Contribution ID: **18**

Type: **not specified**

Introduction; 2014 Trip to Washington

Friday, 14 November 2014 08:30 (20 minutes)

Presenter: NEWMAN, Harvey (Caltech)

Session Classification: Session 1 Building 362

Contribution ID: **19**

Type: **not specified**

US - CERN Relations and the LHC Program

Friday, 14 November 2014 08:50 (20 minutes)

Presenter: Dr VOSS, Ruediger (CERN)

Session Classification: Session 1 Building 362

Contribution ID: **20**

Type: **not specified**

US LUEC Committee Reports

Friday, 14 November 2014 10:45 (30 minutes)

Presented via Vidyo

Presenter: COMMITTEE CHAIRS

Session Classification: Session 2 Building 362

Contribution ID: **21**

Type: **not specified**

Advisory Committee of CERN Users

Friday, 14 November 2014 11:15 (20 minutes)

Presenter: Prof. DASU, Sridhara (University of Wisconsin)

Session Classification: Session 2 Building 362

Contribution ID: 22

Type: **not specified**

HEP and the View from OSTP

Contribution ID: 23

Type: **not specified**

Outlook Following the P5 Report

Presenter: LANKFORD, Andrew (UC Irvine)

Contribution ID: 24

Type: **not specified**

US HEP Program Outlook

Friday, 14 November 2014 15:45 (40 minutes)

Presenter: Dr LYKKEN, Joseph (Fermilab)

Session Classification: Session 2 Building 362

Contribution ID: 25

Type: **not specified**

Lightning Round Winners Announcement

Friday, 14 November 2014 16:25 (10 minutes)

Presenter: BLOOM, Ken (University of Nebraska-Lincoln)

Session Classification: Session 2 Building 362

Contribution ID: 26

Type: **not specified**

Discussion; AOB

Friday, 14 November 2014 16:35 (45 minutes)

Session Classification: Session 2 Building 362

Contribution ID: 27

Type: **not specified**

Adjourn

Friday, 14 November 2014 17:20 (10 minutes)

Contribution ID: 28

Type: **not specified**

Search for resonant production of two Higgs bosons in the two photon two b-quark final state

Friday, 14 November 2014 09:10 (12 minutes)

Presenter: HEBDA, Philip

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: 29

Type: **not specified**

Evidence of Electroweak Vector Boson Scattering in the same-sign WW channel in ATLAS

Friday, 14 November 2014 09:22 (12 minutes)

Presenter: METCALFE, Jessica

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: **30**

Type: **not specified**

Search for Higgs production in association with single top quarks

Friday, 14 November 2014 09:34 (12 minutes)

Presenter: KNOWLTON, Daniel

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: **31**

Type: **not specified**

The UT Detector for the LHCb Upgrade

Friday, 14 November 2014 09:46 (12 minutes)

Presenter: KELSEY, Matthew

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: 32

Type: **not specified**

Measurement of differential $t\bar{t}$ cross section for boosted tops at 8 TeV using CMS data

Friday, 14 November 2014 09:58 (12 minutes)

Presenter: DITTMER, Susan

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: 33

Type: **not specified**

Search for electroweak SUSY production

Friday, 14 November 2014 11:35 (12 minutes)

Presenter: OLIVITO, Dominick

Session Classification: Young Physicists' Lightning Round Session 3 Building 362

Contribution ID: 34

Type: **not specified**

Jet Reclustering in 0-lepton Direct Stop Search

Friday, 14 November 2014 11:47 (12 minutes)

Presenter: WANOTAYOROJ, Chaowaroj

Session Classification: Young Physicists' Lightning Round Session 3 Building 362

Contribution ID: 35

Type: **not specified**

Search for stealth supersymmetry with photons or leptons, jets, and low MET

Friday, 14 November 2014 11:59 (12 minutes)

Presenter: WEINBERG, Marc

Session Classification: Young Physicists' Lightning Round Session 3 Building 362

Contribution ID: 36

Type: **not specified**

Latest Jet Results from ALICE

Friday, 14 November 2014 12:11 (12 minutes)

Presenter: CONNORS, Megan

Session Classification: Young Physicists' Lightning Round Session 3 Building 362

Contribution ID: 37

Type: **not specified**

Search for resonant production of two Higgs bosons in the four b-quark final state

Friday, 14 November 2014 12:23 (12 minutes)

Presenter: DAS, Souvik

Session Classification: Young Physicists' Lightning Round Session 3 Building 362

Contribution ID: **38**

Type: **not specified**

Search for non-pointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions

Presenter: HARD, Andrew

Contribution ID: 39

Type: **not specified**

Search for non-pointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions

Friday, 14 November 2014 10:10 (12 minutes)

Presenter: HARD, Andrew

Session Classification: Young Physicists' Lightning Round Session 2 Building 362

Contribution ID: 40

Type: **not specified**

Observation and measurement of Higgs boson decays to WW^* with ATLAS at the LHC

Thursday, 13 November 2014 15:05 (12 minutes)

Presenter: CHANG, Philip

Session Classification: Young Physicists Lightning Round 1 Building 362

Contribution ID: 41

Type: **not specified**

Physics Beyond Higgs: Searches for Extra Vector-Like Quarks at CMS

Thursday, 13 November 2014 15:17 (12 minutes)

Presenter: KHALIL, Sadia

Session Classification: Young Physicists Lightning Round 1 Building 362

Contribution ID: 42

Type: **not specified**

Mass measurement of the Higgs boson in the $H \rightarrow ZZ^* \rightarrow 4l$ channel at the ATLAS detector

Thursday, 13 November 2014 15:29 (12 minutes)

Presenter: KAPLAN, Laser

Session Classification: Young Physicists Lightning Round 1 Building 362

Contribution ID: 43

Type: **not specified**

Results in B_c physics at LHCb

Thursday, 13 November 2014 15:41 (12 minutes)

Presenter: JURIK, Nathan

Session Classification: Young Physicists Lightning Round 1 Building 362

Contribution ID: 44

Type: **not specified**

A Search for Prompt Lepton-Jets in p-p Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector

Thursday, 13 November 2014 15:53 (12 minutes)

Presenter: NAMASIVAYAM, Harisankar

Session Classification: Young Physicists Lightning Round 1 Building 362

Contribution ID: 45

Type: **not specified**

Search for $W' \rightarrow tb \rightarrow qqbb$ Decays with the ATLAS Detector

Friday, 14 November 2014 13:45 (12 minutes)

Presenter: LI, Ho Ling

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 46

Type: **not specified**

Properties of a Higgs Boson in the $H \rightarrow ZZ \rightarrow 4l$ Channel at CMS

Friday, 14 November 2014 13:57 (12 minutes)

Presenter: BELKNAP, Austin

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 47

Type: **not specified**

Search for Higgs bosons pair production at the LHC using $hh \rightarrow \tau\tau bb$ channel

Friday, 14 November 2014 14:09 (12 minutes)

Presenter: SAHA, Puja

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 48

Type: **not specified**

UPC Physics at ALICE

Friday, 14 November 2014 14:21 (12 minutes)

Presenter: GRUBERG, Barak

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 49

Type: **not specified**

The Global Feature Extraction (gFEX) module and its Physics Impact

Friday, 14 November 2014 14:33 (12 minutes)

Presenter: STARK, Giordon

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 50

Type: **not specified**

The CMS L1 Track Trigger at the HL-LHC

Friday, 14 November 2014 14:45 (12 minutes)

Presenter: TROVATO, Marco

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 51

Type: **not specified**

Search for 4th generation Vector Like Quarks that decays to a Z boson and 3rd generation quark in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector

Friday, 14 November 2014 14:57 (12 minutes)

Presenter: SCHOENROCK, Brad

Session Classification: Young Physicists' Lightning Round Session 4 Building 362

Contribution ID: 52

Type: **not specified**

Search for second generation leptoquarks

Friday, 14 November 2014 15:09 (12 minutes)

Presenter: SAINI, Lovedeep

Session Classification: Young Physicists' Lightning Round Session 4 Building 362