

**LHC Users Association
Annual Meeting 2019**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Executive Committee Meeting

Tuesday 15 October 2019 16:00 (1h 30m)

Presenters: MILLS, Corrinne (University of Illinois at Chicago (US)); NEWMAN, Harvey (California Institute of Technology (US))

Contribution ID: 2

Type: **not specified**

Social gathering at Valhalla

Tuesday 15 October 2019 17:45 (1h 30m)

(Valhalla the bar, not the mythological afterlife)

Contribution ID: 3

Type: **not specified**

Welcome to Rice

Wednesday 16 October 2019 09:00 (10 minutes)

Presenter: PADLEY, Paul (Rice University (US))

Session Classification: Plenary talks

Contribution ID: 4

Type: **not specified**

Chair's report

Wednesday 16 October 2019 09:15 (30 minutes)

Presenter: NEWMAN, Harvey (California Institute of Technology (US))

Session Classification: Plenary talks

Contribution ID: 5

Type: **not specified**

LHC Status and Plans

Session Classification: Plenary talks

Contribution ID: 6

Type: **not specified**

Future Colliders and Snowmass Planning

Wednesday 16 October 2019 10:00 (25 minutes)

Presenter: NARAIN, Meenakshi (Brown University (US))

Session Classification: Plenary talks

Contribution ID: 7

Type: **not specified**

US-LHC accelerator program

Session Classification: Plenary talks

Contribution ID: 8

Type: **not specified**

CMS status and outlook

Wednesday 16 October 2019 11:30 (25 minutes)

Presenters: MCBRIDE, Patricia (Fermi National Accelerator Laboratory (FNAL)); MCBRIDE, Patricia (Fermi National Accelerator Lab. (US))

Session Classification: Plenary talks

Contribution ID: 9

Type: **not specified**

ALICE status and outlook

Wednesday 16 October 2019 11:00 (25 minutes)

Presenter: THOMAS, Deepa (University of Texas at Austin (US))

Session Classification: Plenary talks

Contribution ID: **10**

Type: **not specified**

ATLAS Status and outlook

Wednesday 16 October 2019 12:00 (25 minutes)

Presenter: TOMPKINS, Lauren Alexandra (Stanford University (US))

Session Classification: Plenary talks

Contribution ID: 11

Type: **not specified**

Government relations and DC Trip Report

Thursday 17 October 2019 13:30 (25 minutes)

Presenter: MILLS, Corrinne (University of Illinois at Chicago (US))

Session Classification: Plenary talks

Contribution ID: 12

Type: **not specified**

LHCb Status and outlook

Wednesday 16 October 2019 14:00 (25 minutes)

Presenter: CRAIK, Daniel Charles (Massachusetts Inst. of Technology (US))

Session Classification: Plenary talks

Contribution ID: 13

Type: **not specified**

NSF office of EPP

Thursday 17 October 2019 16:00 (25 minutes)

Presenter: RUCHTI, Randy (National Science Foundation)

Session Classification: Plenary talks

Contribution ID: 14

Type: **not specified**

DOE office of HEP

Session Classification: Plenary talks

Contribution ID: 15

Type: **not specified**

DOE office of NP

Thursday 17 October 2019 14:00 (25 minutes)

Presenter: HALLMAN, Timothy (Department of Energy)

Session Classification: Plenary talks

Contribution ID: 16

Type: **not specified**

ACCU and supporting young physicists

Wednesday 16 October 2019 14:30 (25 minutes)

Presenter: ACOSTA, Darin (University of Florida (US))

Session Classification: Plenary talks

Contribution ID: 17

Type: **not specified**

Reports on breakout sessions, and discussion

Thursday 17 October 2019 16:30 (40 minutes)

Presenters: TIMMINS, Anthony Robert (University of Houston (US)); ACOSTA, Darin (University of Florida (US)); DENISOV, Dmitri (Brookhaven National Laboratory); OJALVO, Isobel (Princeton University (US)); DUARTE, Javier Mauricio (Univ. of California San Diego (US)); NARAIN, Meenakshi (Brown University (US)); LI, Wei (Rice University (US))

Session Classification: Plenary talks

Contribution ID: **18**

Type: **not specified**

Lightning round awards and closeout

Thursday 17 October 2019 17:15 (30 minutes)

Presenters: MILLS, Corrinne (University of Illinois at Chicago (US)); NEWMAN, Harvey (California Institute of Technology (US))

Session Classification: Plenary talks

Contribution ID: 19

Type: **not specified**

Thermal fits to identified particle yields in ALICE

Thursday 17 October 2019 15:48 (10 minutes)

Presenter: FLOR, Fernando Antonio (University of Houston (US))

Session Classification: Lightning round talks

Contribution ID: 20

Type: **not specified**

Search for new physics through precision measurement of B(s) mesons to two muons

Wednesday 16 October 2019 16:42 (10 minutes)

Presenter: GRUMMER, Aidan (University of New Mexico (US))

Session Classification: Lightning round talks

Contribution ID: 21

Type: **not specified**

Search for Supersymmetry at CMS in Events with Large Jet Multiplicity and Low Missing Transverse Momentum at $\sqrt{s}=13$ TeV

Wednesday 16 October 2019 16:54 (10 minutes)

Presenter: MADRID, Christopher (Baylor University (US))

Session Classification: Lightning round talks

Contribution ID: 22

Type: **not specified**

Tau Energy Scale at the ATLAS Detector

Wednesday 16 October 2019 17:06 (10 minutes)

Presenter: CASTIGLIA, Emma Grace (Yale University (US))

Session Classification: Lightning round talks

Contribution ID: 23

Type: **not specified**

Charm decays

Wednesday 16 October 2019 17:18 (10 minutes)

Presenter: WILKINSON, Michael Kent (Syracuse University (US))

Session Classification: Lightning round talks

Contribution ID: 24

Type: **not specified**

pyhf: pure-Python implementation of HistFactory models with autograd

Thursday 17 October 2019 09:00 (10 minutes)

Presenter: FEICKERT, Matthew (Univ. Illinois at Urbana Champaign (US))

Session Classification: Lightning round talks

Contribution ID: 25

Type: **not specified**

Semantic Segmentation-Based Pixel Clustering for CMS

Thursday 17 October 2019 09:12 (10 minutes)

Presenter: THAIS, Savannah Jennifer (Princeton University (US))

Session Classification: Lightning round talks

Contribution ID: 26

Type: **not specified**

Recent results on ultra-peripheral heavy-ion collisions at ALICE

Thursday 17 October 2019 09:24 (10 minutes)

Presenter: HOSOKAWA, Ritsuya (Creighton University (US))

Session Classification: Lightning round talks

Contribution ID: 27

Type: **not specified**

Properties of Xi(1820) resonance measured in pp collisions by ALICE

Thursday 17 October 2019 09:36 (10 minutes)

Presenter: MYERS, Corey James (University of Houston (US))

Session Classification: Lightning round talks

Contribution ID: 28

Type: **not specified**

Using charged particles to study jet quenching in heavy ion collisions with CMS

Thursday 17 October 2019 15:00 (10 minutes)

Presenter: BATY, Austin Alan (Rice University (US))

Session Classification: Lightning round talks

Contribution ID: 29

Type: **not specified**

Observation of the associated production of a top quark and a Z boson with the ATLAS detector

Thursday 17 October 2019 15:12 (10 minutes)

Presenter: FRIZZELL, Dylan (University of Oklahoma (US))

Session Classification: Lightning round talks

Contribution ID: **30**

Type: **not specified**

b baryon decays

Thursday 17 October 2019 15:24 (10 minutes)

Presenter: VENKATESWARAN, Aravindhana (Syracuse University (US))

Session Classification: Lightning round talks

Contribution ID: 31

Type: **not specified**

ttH and ttW measurements in multilepton final states with the ATLAS experiment

Thursday 17 October 2019 15:36 (10 minutes)

Presenter: NARAYAN, Rohin Thampilali (Southern Methodist University (US))

Session Classification: Lightning round talks

Contribution ID: 32

Type: **not specified**

The ALICE Time Projection Chamber Upgrade

Wednesday 16 October 2019 16:30 (10 minutes)

Presenter: HUGHES, Charles (University of Tennessee (US))

Session Classification: Lightning round talks

Contribution ID: **33**

Type: **not specified**

Machine Learning

Wednesday 16 October 2019 15:00 (1 hour)

Presenter: DUARTE, Javier Mauricio (Univ. of California San Diego (US))

Session Classification: Breakout discussions

Contribution ID: **34**

Type: **not specified**

Future Colliders and Snowmass Planning

Wednesday 16 October 2019 15:00 (1 hour)

Presenter: NARAIN, Meenakshi (Brown University (US))

Session Classification: Breakout discussions

Contribution ID: 35

Type: **not specified**

Heavy-Ion Measurements in Runs 3 & 4

Wednesday 16 October 2019 15:00 (1 hour)

Presenter: TIMMINS, Anthony Robert (University of Houston (US))

Session Classification: Breakout discussions

Contribution ID: 36

Type: **not specified**

Advocacy and US Funding

Thursday 17 October 2019 10:30 (1 hour)

Presenters: ACOSTA, Darin (University of Florida (US)); OJALVO, Isobel (Princeton University (US))

Session Classification: Breakout discussions

Contribution ID: 37

Type: **not specified**

Future Colliders and Snowmass Planning

Thursday 17 October 2019 10:30 (1 hour)

Presenter: DENISOV, Dmitri (Brookhaven National Laboratory)

Session Classification: Breakout discussions

Contribution ID: **38**

Type: **not specified**

Quark Plasma Signatures in Small Systems

Thursday 17 October 2019 10:30 (1 hour)

Presenter: LI, Wei (Rice University (US))

Session Classification: Breakout discussions