

Jet Substructure "Planning for the future" Event at the Fermilab LPC

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Wednesday 30 November 2016 09:00 (10 minutes)

Presenters: PILOT, Justin (University of California Davis (US)); ERBACHER, Robin (University of California Davis (US))

Session Classification: Introductions

Contribution ID: 2

Type: **not specified**

Overview – CMS Perspective

Wednesday 30 November 2016 09:10 (25 minutes)

Presenter: DOLEN, James William (State University of New York at buffalo (US))

Session Classification: Introductions

Contribution ID: 3

Type: **not specified**

Overview – ATLAS Perspective

Wednesday 30 November 2016 09:35 (25 minutes)

Presenter: SWIATLOWSKI, Maximilian J (University of Chicago (US))

Session Classification: Introductions

Contribution ID: 4

Type: **not specified**

W/Z Tagging

Wednesday 30 November 2016 10:50 (20 minutes)

Presenter: MANTILLA SUAREZ, Cristina Ana (Florida Institute of Technology (US))

Session Classification: Tagging Algorithms

Contribution ID: 6

Type: **not specified**

Higgs Tagging

Wednesday 30 November 2016 11:10 (20 minutes)

Presenter: VERNIERI, Caterina (Fermi National Accelerator Lab. (US))

Session Classification: Tagging Algorithms

Contribution ID: 7

Type: **not specified**

Pileup Mitigation

Wednesday 30 November 2016 16:20 (20 minutes)

Presenter: TRAN, Nhan Viet (Fermi National Accelerator Lab. (US))

Session Classification: Theory "Wish-List" and New Algorithms

Contribution ID: 8

Type: **not specified**

Lunch

Wednesday 30 November 2016 12:15 (1 hour)

Contribution ID: **11**

Type: **not specified**

Jet Mass Measurements

Wednesday 30 November 2016 14:20 (20 minutes)

Presenter: RAPPOCCIO, Salvatore (State University of New York at buffalo (US))

Session Classification: Substructure Measurements

Contribution ID: 12

Type: **not specified**

Jet Substructure in Heavy Ions

Wednesday 30 November 2016 15:40 (20 minutes)

Presenter: KUNNAWALKAM ELAYAVALLI, Raghav (Rutgers, State Univ. of New Jersey (US))

Session Classification: Theory "Wish-List" and New Algorithms

Contribution ID: **13**

Type: **not specified**

Theory Wish-List

Wednesday 30 November 2016 16:40 (30 minutes)

Presenter: LARKOSKI, Andrew (Reed College)

Session Classification: Theory "Wish-List" and New Algorithms

Contribution ID: 14

Type: **not specified**

Energy Correlation Functions

Wednesday 30 November 2016 16:00 (20 minutes)

Presenter: NECIB, Lina (MIT)

Session Classification: Theory "Wish-List" and New Algorithms

Contribution ID: 15

Type: **not specified**

Quark vs. Gluon Discrimination

Wednesday 30 November 2016 11:30 (20 minutes)

Presenter: RAUCO, Giorgia (Universitaet Zuerich (CH))

Session Classification: Tagging Algorithms

Contribution ID: **16**

Type: **not specified**

Discussion Time

Wednesday 30 November 2016 17:10 (30 minutes)

Session Classification: Theory "Wish-List" and New Algorithms

Contribution ID: 29

Type: **not specified**

Overview- Theory Perspective

Wednesday 30 November 2016 10:00 (25 minutes)

Presenters: MOULT, Ian James (Massachusetts Inst. of Technology (US)); MOULT, Ian

Session Classification: Introductions

Contribution ID: **30**

Type: **not specified**

Day 2 (CMS-Only) Agenda

Thursday 1 December 2016 09:00 (9 hours)

Contribution ID: **31**

Type: **not specified**

LPC Physics Form – Jet Parton Shower Modeling and Substructure

Wednesday 30 November 2016 13:15 (1 hour)

Presenter: PRESTEL, Stefan

Contribution ID: 32

Type: **not specified**

Top Tagging Algorithms

Wednesday 30 November 2016 15:00 (20 minutes)

Presenter: MC LEAN, Christine Angela (University of California Davis (US))

Session Classification: Substructure Measurements