

Chicagoland Mini-Workshop on LHC Run II Analysis with Machine Learning at the University of Chicago

Report of Contributions

Contribution ID: 1

Type: **not specified**

Run II Physics: Experimental Prospects (15' + 5')

Tuesday 15 January 2019 10:30 (20 minutes)

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

Contribution ID: 11

Type: **not specified**

Analysis, Detector Simulation, Neuromorphic Computing, and High Performance Computing (10'+10')

Tuesday 15 January 2019 12:50 (20 minutes)

Presenter: HOPKINS, Walter (Argonne National Laboratory (US))

Session Classification: Applying Machine Learning to Run II Analysis

Contribution ID: 12

Type: **not specified**

For Future CMS High Level Triggers (10'+10')

Tuesday 15 January 2019 12:30 (20 minutes)

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

Session Classification: Applying Machine Learning to Run II Analysis

Contribution ID: 13

Type: **not specified**

Phenomenology: Jet Substructure + ... (10'+10')

Tuesday 15 January 2019 11:10 (20 minutes)

Presenter: SCHWARTZ, Matthew (Harvard)

Session Classification: Applying Machine Learning to Run II Analysis

Contribution ID: 14

Type: **not specified**

For Future ATLAS Hardware Triggers (10'+10')

Tuesday 15 January 2019 11:50 (20 minutes)

Presenter: MILLER, David (University of Chicago (US))

Session Classification: Applying Machine Learning to Run II Analysis

Contribution ID: 15

Type: **not specified**

Conclusions of the Workshop

Tuesday 15 January 2019 14:10 (20 minutes)

Presenter: HOECKER, Andreas (CERN)

Contribution ID: 16

Type: **not specified**

Discussions: Training for Machine Learning

Tuesday 15 January 2019 13:40 (30 minutes)

Presenters: ADELMAN, Jahred (Northern Illinois University); VELASCO, Mayda (Northwestern University (US)); GARDNER JR, Robert William (University of Chicago (US))

Contribution ID: **18**

Type: **not specified**

Experimental and Practical Aspects of Machine Learning (10'+10')

Tuesday 15 January 2019 11:30 (20 minutes)

Presenter: HOOBERMAN, Benjamin Henry (Univ. Illinois at Urbana-Champaign (US))

Session Classification: Applying Machine Learning to Run II Analysis

Contribution ID: **19**

Type: **not specified**

Run II Physics: Theoretical Prospects (15' + 5')

Tuesday 15 January 2019 10:50 (20 minutes)

Presenter: CARENA, Marcela (Fermilab)