

Michigan REU Summer Student Program

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introductory Comments

Thursday, 16 August 2018 14:00 (20 minutes)

Presenters: ROLOFF, Jennifer Kathryn (Harvard University (US)); ZHU, Junjie (University of Michigan (US)); GOLDFARB, Steven (University of Melbourne (AU))

Contribution ID: 17

Type: **not specified**

Simulating Exotics in the MAPP detector at MoEDAL

Thursday, 16 August 2018 14:20 (10 minutes)

Presenter: SHOMAR, Joseph (University of Miami)

Contribution ID: **21**

Type: **not specified**

AOB

Thursday, 16 August 2018 17:20 (20 minutes)

Contribution ID: 34

Type: **not specified**

Testing the Fundamental Symmetries Between Matter and Antimatter

Thursday, 16 August 2018 14:30 (10 minutes)

Presenter: ROOKS, Michael

Contribution ID: 35

Type: **not specified**

Gas Electron Multiplier Technology in the CMS

Thursday, 16 August 2018 14:40 (10 minutes)

Presenter: REDDINGTON, Lexxi

Contribution ID: **36**

Type: **not specified**

Small-Strip Thin Gap Chamber Wedge-0 Testbeam

Thursday, 16 August 2018 14:50 (10 minutes)

Presenter: FRANZ, Paris Lee (CERN)

Contribution ID: 37

Type: **not specified**

Separating Signal from Background in $D^0 \rightarrow K^0 S \pi + \pi$

Thursday, 16 August 2018 15:00 (10 minutes)

Presenter: TAT, Raymond Huy-Tri (CERN)

Contribution ID: 38

Type: **not specified**

Measurement of $\tau\tau$ cross section in the lepton+jets channel at $\sqrt{s} = 13$ TeV with the ATLAS detector

Thursday, 16 August 2018 15:10 (10 minutes)

Presenter: SYDNOR, Jessica Lee (CERN)

Contribution ID: 39

Type: **not specified**

Multivariate analysis for the $W \rightarrow \pi + \gamma$ search

Thursday, 16 August 2018 15:20 (10 minutes)

Presenter: DIOQUINO, Jeske

Contribution ID: 40

Type: **not specified**

Extraction of first tranverse moment of Sivers and g_{1T}^\perp PDFs from polarized SIDIS COMPASS data

Thursday, 16 August 2018 15:30 (10 minutes)

Presenter: CAMMAROTA, Justin

Contribution ID: 41

Type: **not specified**

Compton Scattering as Antiproton Beam Diagnostics Tool, C²⁺ – Fluorescence, and Positronium Data Analysis

Thursday, 16 August 2018 16:10 (10 minutes)

Presenter: BROWN, Patrick Michael

Contribution ID: 42

Type: **not specified**

Custom In-Lab Temperature Control for the RD53 Chip

Thursday, 16 August 2018 16:20 (10 minutes)

Presenter: D'ANDREA, Mario

Contribution ID: 43

Type: **not specified**

Computer Vision and Application to Detection of Tau Leptons

Thursday, 16 August 2018 16:30 (10 minutes)

Presenter: SAXTON, Torrey Adam (CERN)

Contribution ID: 44

Type: **not specified**

Study of Misalignment in the H4-VLE Beamline of the CERN North Area

Thursday, 16 August 2018 16:40 (10 minutes)

Presenter: SHEA, Jeanine Frances

Contribution ID: 45

Type: **not specified**

Validation of LNE51 AEGIS Transfer Line Optics and Electrostatic Deflector

Thursday, 16 August 2018 16:50 (10 minutes)

Presenter: BASS, Rachel Miranda

Contribution ID: 46

Type: **not specified**

Kinematic Analysis of TrackML Challenge Submissions

Thursday, 16 August 2018 17:00 (10 minutes)

Presenter: RAMEY, Emily Ashlynn (CERN)

Contribution ID: 47

Type: **not specified**

Improving ABCD Analysis in the Single Vertex LLP Search

Thursday, 16 August 2018 17:10 (10 minutes)

Presenter: AGUILLARD, David Pierce (CERN)