

2023 US ATLAS SUPER Symposium

Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome

Friday 18 August 2023 12:00 (5 minutes)

Presenter: HALEY, Joseph (Oklahoma State University (US))

Contribution ID: 3

Type: **not specified**

Closeout

Friday 18 August 2023 15:15 (5 minutes)

Presenter: HALEY, Joseph (Oklahoma State University (US))

Contribution ID: 15

Type: **not specified**

Trigger Rate Monitoring at P1 and a RECAST Analysis of $H \rightarrow \ell\ell + \text{MET}$

Friday 18 August 2023 12:05 (10 minutes)

Presenter: BRANDANI, Enzo Daniele (University of Pittsburgh (US))

Session Classification: Student Presentations

Contribution ID: 16

Type: **not specified**

Studies of jet flavor dependence in diphoton + jets event

Friday 18 August 2023 12:20 (10 minutes)

Presenter: ZHENG, Linzi

Session Classification: Student Presentations

Contribution ID: 17

Type: **not specified**

Testing Planar Quad Modules for the ITk Pixel Upgrade

Friday 18 August 2023 12:35 (10 minutes)

Presenter: FLICKER, Tate Elizabeth (University of Chicago (US))

Session Classification: Student Presentations

Contribution ID: **18**

Type: **not specified**

Electroweak Corrections on the ATLAS Vector Boson Scattering of W^+W^-

Friday 18 August 2023 12:50 (10 minutes)

Presenter: HUTCHINSON, Bradley Duane (Indiana University (US))

Session Classification: Student Presentations

Contribution ID: **19**

Type: **not specified**

ATLAS ITk QC burn-in system for the Strip Hybrid circuits

Friday 18 August 2023 13:05 (10 minutes)

Presenter: CALIA-BOGAN, Roland Samuel (Brandeis University (US))

Session Classification: Student Presentations

Contribution ID: 20

Type: **not specified**

Trigger Efficiency Study in the Search for SM Di-Higgs

Friday 18 August 2023 13:20 (10 minutes)

Presenters: DIXIT, Sneha Vireshwar; DIXIT, Sneha Vireshwar

Session Classification: Student Presentations

Contribution ID: 21

Type: **not specified**

Preparing for Production: Powerboard Machine Learning

Friday 18 August 2023 14:00 (10 minutes)

Presenter: KELLY, Samantha (Lawrence Berkeley National Laboratory)

Session Classification: Student Presentations

Contribution ID: 22

Type: **not specified**

Examining Electronic Configurations in ATLAS Pixel Detector for Phase-II ITk Pixel Upgrade

Friday 18 August 2023 14:15 (10 minutes)

Presenters: DOROFEEV, Christina; DOROFEEV, Christina

Session Classification: Student Presentations

Contribution ID: 23

Type: **not specified**

Predicting the Electromagnetic Fraction of Topological Clusters using Machine Learning

Friday 18 August 2023 14:30 (10 minutes)

Presenter: POLK, David (University of Arizona (US))

Session Classification: Student Presentations

Contribution ID: 24

Type: **not specified**

Jet Calibration: A Regression Model for the ATLAS Global Event Processor

Friday 18 August 2023 14:45 (10 minutes)

Presenter: HEMMETT, Michael Andrew (WESTMONT COLLEGE DPT OF PHYSICS & ENGINEERING (US))

Session Classification: Student Presentations

Contribution ID: 25

Type: **not specified**

Exploratory Studies on Neural Network Based Photon Identification

Friday 18 August 2023 15:00 (10 minutes)

Presenter: HO, Joshua Anthony (Lawrence Berkeley National Lab. (US))

Session Classification: Student Presentations

Contribution ID: 26

Type: **not specified**

Di-Higgs decay channel research

Friday 18 August 2023 13:45 (10 minutes)

Presenter: BEARD, Camille (California State University (US))

Session Classification: Student Presentations