

List of Publications

Yu-Ting Shen

Department of Physics and Astronomy
University of Oklahoma

October 25, 2018

178 records on INSPIRE. Here lists the main contributions and links.

1 Papers

- Search for electroweak production of supersymmetric states in scenarios with compressed mass spectra at $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector
link: PRD 97, 052010 (2018)
- Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector
link: JHEP09 (2017) 084
- Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector
link: Eur. Phys. J. C 76 (2016) 259
- Search for resonances in diphoton events at $\sqrt{s} = 13$ with the ATLAS detector
link: JHEP09 (2016) 001

2 Conference notes:

- Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector
link: ATLAS-COM-CONF-2017-041
- Search for scalar diphoton resonances with 15.4 fb^{-1} of data collected at $\sqrt{s} = 13$ TeV in 2015 and 2016 with the ATLAS detector
link: ATLAS-COM-CONF-2016-056
- Electron efficiency measurements with the ATLAS detector using the 2015 LHC proton-proton collision data
link: ATLAS-COM-CONF-2016-028
- Search for resonances in diphoton events with the ATLAS detector at $\sqrt{s} = 13$ TeV
link: ATLAS-COM-CONF-2016-016

- Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector
link: ATLAS-COM-CONF-2015-100

3 Internal notes:

- SUSY searches for electroweak production with compressed mass spectra at ATLAS
link: ATL-COM-PHYS-2018-1073
- Search for weak production of compressed supersymmetry with two soft leptons and missing transverse momentum in pp collision at $\sqrt{s} = 13$ TeV with the ATLAS detector
link: ATL-COM-PHYS-2017-1440
- Support note for electron ID: electron isolation
link: ATL-COM-PHYS-2017-1043
- Overview of the methods used to estimate the fake lepton background in the SUSY group
link: ATL-COM-PHYS-2017-469
- ATLAS electron, photon and muon isolation in Run 2
link: ATL-COM-PHYS-2017-290
- Search for supersymmetry in final states with two same-sign or three leptons and jets using $\sqrt{s} = 13$ TeV pp collision data collected with the ATLAS detector
link: ATL-COM-PHYS-2017-149
- Searches for weak production of compressed supersymmetry in pp collision at $\sqrt{s} = 13$ TeV with the ATLAS detector
link: ATL-COM-PHYS-2016-1708
- Search for strongly-produced superpartners in final states with same-sign or three leptons and jets in 2015+2016 pp collision data at $\sqrt{s} = 13$ TeV (Supporting note for Moriond 2017)
link: ATL-COM-PHYS-2016-1616
- Measurement of electron isolation efficiencies and scale factors with early Run-2 data
link: ATL-COM-PHYS-2016-1181
- Search for supersymmetry at $\sqrt{s} = 13$ TeV with two same-sign leptons or three leptons with the ATLAS detector
link: ATL-COM-PHYS-2016-865
- Search for new phenomena in diphoton events with the ATLAS detector at $\sqrt{s} = 13$ TeV: Isolation studies
link: ATL-COM-PHYS-2016-760
- Search for strongly-produced superpartners in final states with same-sign or three leptons and jets in 2015+2016 pp collisions data at $\sqrt{s} = 13$ TeV (Supporting note)
link: ATL-COM-PHYS-2016-495
- Isolation studies : Search for new phenomena in diphoton events with the ATLAS detector at $\sqrt{s} = 13$ TeV
link: ATL-COM-PHYS-2016-216

- Supporting document on electron identification and efficiency measurements using the 2015 LHC proton-proton collision data
link: ATL-COM-PHYS-2016-041
- Electron isolation efficiencies with 2015 data
link: ATL-COM-PHYS-2015-1486
- Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector
link: ATL-COM-PHYS-2015-1382
- Search for strongly produced superpartners in final states with same-sign leptons or three leptons and jets in pp collisions at $\sqrt{s} = 13$ TeV (Supporting note)
link: ATL-COM-PHYS-2015-1150
- Search for strongly produced superpartners in final states with same-sign leptons or three leptons and jets: preparing for 2015 analyses
link: ATL-COM-PHYS-2015-329