

ATLAS Papers and notes where I have actively contributed

Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector, JHEP04(2014)169 [arXiv:1402.7029] (2012 data)

Further search for direct gaugino and slepton production in events with at least two hadronic taus and missing transverse momentum at $\sqrt{s} = 8$ TeV, JHEP10(2014)096 [arXiv:1407:0350] (2012 data)

Searches for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector, JHEP05(2014)071 [arXiv:1403.5294] (2012 data)

Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector, PLB 718 (2013) 841 [arXiv:1208.3144] (2011 data)

Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV, PLB 718 (2013) 879 [arXiv:1208.2884] (2011 data)

Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions at the ATLAS experiment, EPJC 71 (2011) 1682 [arXiv:1103.6214 (hep-ex)] (2010 data)

Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector, EPJC 71 (2011) 1647 [arXiv:1103.6208 (hep-ex)] (2010 data)

SUSY Searches with Multilepton, Jets and Emiss, ATLAS-CONF-2011-039 (First ATLAS SUSY trilepton results, presented at Moriond QCD and High Energy Interactions, March 2011), <https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2011-039> (2010 data)

Early SUSY searches in events with one or more isolated leptons, jets and missing transverse energy, ATLAS-CONF-2010-066 (First ATLAS SUSY one and two-lepton results, presented at ICHEP, July 2010), <https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2010-066> (2010 data)

*Prospects for Supersymmetry Discovery Based on Inclusive Searches, ATL-PHYS-PUB-2009-066 and Measurements from Supersymmetric Events, ATL-PHYS-PUB-2009-067, two chapters in *Expected Performance of the ATLAS Experiment - Detector, Trigger and Physics*, 1852 p., ISBN 978-92-9083-321-5, CERN-OPEN-2008-020 [arXiv:0901.0512]*

Usage of the Distributed Analysis Tools in The ATLAS Supersymmetry Working Group, ATL-SOFT-INT-2007-005, <http://cdsweb.cern.ch/record/1049736>

Non-ATLAS publications

B. K. Gjelsten, D. J. Miller, P. Osland, *Measuring the Gluino Mass in Cascade Decays for SPS 1a*, JHEP 06 (2005) 015 [hep-ph/0501033]

B. K. Gjelsten, D. J. Miller, P. Osland, *Measurement of SUSY Masses via Cascade Decays for SPS 1a*, JHEP 12 (2004) 003 [hep-ph/0410303]

G. Weiglein et al. *Physics Interplay of the LHC and the ILC* [LHC/ILC Study Group], Phys. Rept. 426 (2006) 47-358 [hep-ph/0410364]

P. Van Isacker, O. Juillet, B. K. Gjelsten, *Foundations of Physics*, 27 (1997), 1047, *A nuclear mass formula based on $SU(4)$ symmetry*