

1	Journal Article	Measurement of fiducial and differential cross sections of gluon fusion Higgs-boson production in the $H \rightarrow WW \rightarrow \mu\mu\nu\bar{\nu}$ decay channel using data collected at the ATLAS detector $\sqrt{s}=8$ TeV	ATLAS Collaboration
2	Journal Article	Experimental Tests of Particle Flow Calorimetry	F.Sefkow, A.White, J.Repond, R.Poeschl, K.Kawagoe
3	Conference Paper/Presentation	HEP Software R&D at Frontier of Data Science and Deep Learning	Amir Farbin
4	Conference Paper/Presentation	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector (ATLAS-CONF-2015-076)	ATLAS Collaboration
5	Conference Paper/Presentation	Search for pair-production of gluinos decaying via stop and sbottom in events with b-jets and large missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector (ATLAS-CONF-2015-067)	ATLAS Collaboration
6	Conference Paper/Presentation	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s}=13$ TeV proton–proton collisions	ATLAS Collaboration
7	Conference Paper/Presentation	A search for Supersymmetry in events containing a leptonically decaying Z boson, jets and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector (ATLAS-CONF-2015-082)	ATLAS Collaboration
8	Conference Paper/Presentation	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 (ATLAS-CONF-2015-078)	ATLAS Collaboration
9	Conference Paper/Presentation	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector (ATLAS-CONF-2015-062)	ATLAS Collaboration

10	Conference Paper/Presentation	Software R&D for Next Generation of HEP Experiments, Inspired by Theano	Amir Farbin
11	Conference Paper/Presentation	LBNE LAr Detector R&D	Jaehoon Yu for the LBNE Collaboration
12	Thesis/Dissertation	Precision Higgs Coupling Measurements in $H \rightarrow WW^* \rightarrow l\nu l\nu$ Final State with the ATLAS Detector at the LHC	Hee Yeun Kim
13	Thesis/Dissertation	Search for a Supersymmetric Partner to the Top Quark using a Multivariate Analysis Technique	S. Darmora
14	Conference Paper/Presentation	Tau Core Reconstruction and Software Summary	Justin Griffiths
15	Journal Article	Study of $(W/Z)H$ production and Higgs boson couplings using $H \rightarrow WW$ decays with the ATLAS detector	ATLAS Collaboration
16	Conference Paper/Presentation	The SiD Detector for the International Linear Collider	A. White
17	Conference Paper/Presentation	Search for exclusive WW and exclusive Higgs bosons in pp collisions using ATLAS	Last Feremenga
18	Conference Paper/Presentation	Search for Invisible Decays of the Higgs boson at the LHC	A. White for the ATLAS and CMS Collaborations
19	Journal Article	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 — interpreted in the phenomenological MSSM	ATLAS Collaboration

20	Journal Article	Summary of the searches for squarks and gluinos using $\sqrt{s}=8$ TeV pp collisions with the ATLAS experiment at the LHC	ATLAS Collaboration
21	Conference Paper/Presentation	Tau Reconstruction and Identification Performance in Run II	Justin Griffiths
22	Conference Paper/Presentation	Searches for the Double Diffractive Higgs boson	Last Feremenga for ATLAS Collaboration
23	Journal Article	Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H^{\pm} \rightarrow W^{\pm}Z$ using pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Experiment	ATLAS Collaboration
24	Journal Article	Physics Case for the International Linear Collider	K. Fujii et al Linear Collider Physics Panel
25	Other Publication	Search for charged Higgs bosons in the tau+lepton final state with pp collisions data recorded at $\sqrt{s} = 8$ TeV with the ATLAS experiment.	Rangel Smith, Camila (Uppsala University, Department of Physics and Astronomy) ; Madsen, Alexander (Uppsala University, Department of Physics and Astronomy) ; Ferrari, Arnaud (Uppsala University, Department of Physics and Astronomy) ; Isacson, Max Fredrik (Uppsala University, Department of Physics and Astronomy) ; Burghgrave, Blake (Northern Illinois University) ; Griffiths, Justin (The University of Texas at Arlington) ; Bertsche, David (Homer L. Dodge Department of Physics and Astronomy, University of Oklahoma) ; Chakraborty, Dhiman (Northern Illinois University) ; Gradin, Per Olov Joakim (Uppsala University, Department of Physics and Astronomy) ; Pelikan, Daniel (Uppsala University, Department of Physics and Astronomy) ; Schaarschmidt, Jana (Department of Particle Physics, The Weizmann Institute of Science).
26	Conference Paper/Presentation	Upgrade of the ATLAS Tile Calorimeter for the High luminosity LHC	G. Usai

27	Conference Paper/Presentation	Dark Matter Searches in ATLAS	K. De
28	Journal Article	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments	CMS and ATLAS Collaborations
29	Conference Paper/Presentation	H+taunu Analysis Walkthrough	Justin Griffiths, Camila Smith (Uppsala)
30	Journal Article	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	ATLAS Collaboration
31	Journal Article	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tau^{\pm} \nu$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector	ATLAS Collaboration
32	Journal Article	Observation and measurement of Higgs boson decays to $W W^{*}$ with ATLAS at the LHC	ATLAS Collaboration
33	Journal Article	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment	ATLAS Collaboration
34	Journal Article	Search for an Invisibly Decaying Higgs Boson Produced via Vector Boson Fusion in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector	ATLAS Collaboration (A.White one of three contact authors)
35	Journal Article	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider	S. Darmora, G. Usai, K. De for the ATLAS Collaboration