

Publication List: T. Åkesson

Average citations (excluding self-citations) for published papers: 33, h-index 44

1) Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s} = 7$ TeV pp collisions using 1 fb^{-1} of ATLAS data
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.6606 [hep-ex].
Phys.Rev. D85 (2012) 012006.

2) Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.6572 [hep-ex].

3) Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow 4l$ with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.5945 [hep-ex].
Phys.Lett. B705 (2011) 435-451.

4) Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.5816 [hep-ex].
Eur.Phys.J. C71 (2011) 1795.

5) Measurement of the inclusive W^+ and Z/γ cross sections in the electron and muon decay channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.5141 [hep-ex].

6) Search for New Phenomena in $t\bar{t}$ Events With Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.4725 [hep-ex].
Phys. Rev. Lett. 108 (2012) 041805.

7) Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.2242 [hep-ex].
Phys.Lett. B707 (2012) 478-496.

8) Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s}=7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.1403 [hep-ex].
Phys.Lett. B706 (2012) 295-313.

9) Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
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arXiv:1109.1470 [hep-ex].
Phys.Lett. B707 (2012) 418-437.

10) Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1109.0525 [hep-ex].
Phys.Lett. B707 (2012) 438-458.

11) Search for New Physics in the Dijet Mass Distribution using 1 fb^{-1} of pp Collision Data at $\sqrt{s} = 7$ TeV collected by the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1108.6311 [hep-ex].
Phys.Lett. B708 (2012) 37-54.

12) Measurement of the Transverse Momentum Distribution of W Bosons in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1108.6308 [hep-ex].
Phys.Rev. D85 (2012) 012005.

13) Performance of Missing Transverse Momentum Reconstruction in Proton-Proton Collisions at 7 TeV with ATLAS
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1108.5602 [hep-ex].
Eur.Phys.J. C72 (2012) 1844.

14) Search for a heavy Standard Model Higgs boson in the channel $H \rightarrow ZZ \rightarrow 4lqq$ using the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1108.5064 [hep-ex].
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15) A measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at $\sqrt{s} = 7$ TeV with ATLAS
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16) Measurement of the W to tau nu Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment
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arXiv:1108.4101 [hep-ex].
Phys.Lett. B706 (2012) 276-294.

17) Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1108.3699 [hep-ex].
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18) Measurement of the Z to tau tau Cross Section with the ATLAS Detector
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- 19) Search for dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
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- 20) Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb⁻¹ of pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector
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arXiv:1108.1316 [hep-ex].
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- 21) Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
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- 22) Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV using 35 pb⁻¹ of ATLAS data
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- 23) Search for neutral MSSM Higgs bosons decaying to $\tau^+ \tau^-$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
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- 25) Measurement of the transverse momentum distribution of Z/ γ^* bosons in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1107.2381 [hep-ex].
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- 26) Response and shower topology of 2 to 180 GeV pions measured with the ATLAS barrel calorimeter at the CERN test-beam and comparison to Monte Carlo simulations
By E. Abat, J.M. Abdallah, T.N. Addy, P. Adragna, M. Aharrouche, A. Ahmad, T.P.A. Akesson, M. Aleksa et al..
- 27) Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector
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32) Search for Heavy Long-Lived Charged Particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV
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34) Measurement of $W\gamma$ and $Z\gamma$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector
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System

By K.E. Johansson, J. Norrby, T. Akesson.