

Kişisel Bilgiler

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Eğitim Bilgileri

Post Doktora, Ankara Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği, Türkiye 2008 - 2008

Doktora, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilimdalı, Türkiye 2001 - 2006

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilimdalı, Türkiye 1997 - 2000

Lisans, Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü, Türkiye 1993 - 1997

Yabancı Diller

Azerice, C1 İleri

Rusça, C1 İleri

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Dördüncü Standart Model Ailesinin Lepton Çarpıştırıcılarında İncelenmesi, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilimdalı, 2006

Yüksek Lisans, Dördüncü Standart Model Ailesi Fermiyonlarının Fenomenolojisi, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilimdalı, 2000

Araştırma Alanları

Fizik, Nükleer Fizik, Parçacık fiziği ve nükleer fizikte deneysel yöntemler ve enstrümantasyon, Temel Bilimler

Akademik Unvanlar / Görevler

Doç.Dr., Ege Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2016 - Devam Ediyor

Araştırma Görevlisi, Gazi Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2001 - 2006

Verdiği Dersler

Physics, Lisans, 2018 - 2019

Physics II, Lisans, 2018 - 2019

Fizik-II, Lisans, 2017 - 2018

Physics-I, Lisans, 2018 - 2019

Thermodynamics, Lisans, 2018 - 2019

Fizik-I, Lisans, 2017 - 2018

Fizikte Yeni gelişmeler, Lisans, 2016 - 2017

Fizik-I, Lisans, 2017 - 2018

Fizik-II, Lisans, 2016 - 2017

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **HE-LHC: The High-Energy Large Hadron Collider Future Circular Collider Conceptual Design Report Volume 4**
Abada A., Abbrescia M., AbdusSalam S. S. , Abdyukhanov I., Abelleira Fernandez J., Abramov A., Aburaia M., Acar A. O. , Adzic P. R. , Agrawal P., et al.
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- **FCC-hh: The Hadron Collider: Future Circular Collider Conceptual Design Report Volume 3**
Abada A., Abbrescia M., AbdusSalam S. S. , Abdyukhanov I., Abelleira Fernandez J., Abramov A., Aburaia M., Acar A. O. , Adzic P. R. , Agrawal P., et al.
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- **FCC Physics Opportunities: Future Circular Collider Conceptual Design Report Volume 1**
Abada A., Abbrescia M., AbdusSalam S. S. , Abdyukhanov I., Fernandez J. A. , Abramov A., Aburaia M., Acar A. O. , Adzic P. R. , Agrawal P., et al.
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- **FCC-ee: The Lepton Collider: Future Circular Collider Conceptual Design Report Volume 2**
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- **E-6 predicted isosinglet quarkonium formation**
CAGLAR C., ÇİFTÇİ R., Ciftci A. K.
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- **General structure of democratic mass matrix of lepton sector in E-6 model**
Ciftci A. K. , ÇİFTÇİ R.
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- **Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at root s(NN)=5.02 TeV with the ATLAS detector**
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- **Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at root S-NN=2.76 TeV measured with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Measurement of the production of neighbouring jets in lead-lead collisions at root s(NN)=2.76TeV with the ATLAS detector**
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- **Two-particle Bose-Einstein correlations in pp collisions at root s=0.9 and 7 TeV measured with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at root s=7 TeV with the ATLAS detector**
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- **Centrality and rapidity dependence of inclusive jet production in $\sqrt{s}=5.02$ TeV proton-lead collisions with the ATLAS detector**

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- **Search for new phenomena in events with three or more charged leptons in pp collisions at TeV with the ATLAS detector**

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- **Observation and measurement of Higgs boson decays to WW^* with the ATLAS detector**

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- **Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s}=8$ TeV**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s}=7$ TeV in the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdel Khalek S., Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector**

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- **Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector**

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- **Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}$ over-bar gamma production cross section in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector**

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- **Search for $W' \rightarrow t\bar{b} \rightarrow qqbb$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**

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- **Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s}=7$ TeV**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s}=8$ TeV with the ATLAS detector**

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- Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
JOURNAL OF HIGH ENERGY PHYSICS, 2015 (SCI İndekslerine Giren Dergi)
- Search for $W^+ \rightarrow t\bar{b}$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s}=8$ TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICS LETTERS B, cilt.743, ss.235-255, 2015 (SCI İndekslerine Giren Dergi)
- Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s}=8$ TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICS LETTERS B, cilt.743, ss.15-34, 2015 (SCI İndekslerine Giren Dergi)
- Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in pp Collisions at $\sqrt{s}=8$ TeV Using the ATLAS Detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- 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**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
JOURNAL OF HIGH ENERGY PHYSICS, 2015 (SCI İndekslerine Giren Dergi)
- Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.75, 2015 (SCI İndekslerine Giren Dergi)
- Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s}=8$ TeV pp collisions using the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
JOURNAL OF HIGH ENERGY PHYSICS, 2015 (SCI İndekslerine Giren Dergi)
- Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s}=8$ TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICAL REVIEW D, cilt.91, 2015 (SCI İndekslerine Giren Dergi)
- Simultaneous measurements of the $t\bar{t}$, $W+W-$, and $Z/\gamma^* \rightarrow \tau\tau$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICAL REVIEW D, cilt.91, 2015 (SCI İndekslerine Giren Dergi)
- Search for Higgs Boson Pair Production in the $\gamma\gamma b\bar{b}$ Final State Using pp Collision Data at $\sqrt{s}=8$ TeV from the ATLAS Detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICAL REVIEW LETTERS, cilt.114, 2015 (SCI İndekslerine Giren Dergi)
- Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.75, 2015 (SCI İndekslerine Giren Dergi)

- **Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb⁻¹ of data with the ATLAS detector**
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JOURNAL OF HIGH ENERGY PHYSICS, 2015 (SCI İndekslerine Giren Dergi)
- **Measurements of the Nuclear Modification Factor for Jets in Pb plus Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICAL REVIEW LETTERS, cilt.114, 2015 (SCI İndekslerine Giren Dergi)
- **Measurements of the W production cross sections in association with jets with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.75, 2015 (SCI İndekslerine Giren Dergi)
- **Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Measurement of the transverse polarization of Lambda and Λ over-bar hyperons produced in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Search for resonant diboson production in the $l\ell(q)$ over-bar final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector**
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- **Measurement of the production and lepton charge asymmetry of W bosons in Pb plus Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector**
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- **Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
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- **Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector**
Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.
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- **Search for the $b(b)$ over-bar decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector**
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- **Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at root s=8 TeV**

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- **Measurement of the WW plus WZ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at root s=7 TeV**

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- **Measurement of the t(t)-bar production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector**

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- **Search for H -> gamma gamma produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

PHYSICS LETTERS B, cilt.740, ss.222-242, 2015 (SCI İndekslerine Giren Dergi)

- **Search for the X-b and other hidden-beauty states in the pi(+)-pi(-)-gamma(1S) channel at ATLAS**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for s-channel single top-quark production in proton-proton collisions at root s=8 TeV with the ATLAS detector**

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- **Measurement of Higgs boson production in the diphoton decay channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurements of spin correlation in top-antitop quark events from proton-proton collisions at root s=7 TeV using the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of inclusive jet charged-particle fragmentation functions in Pb plus Pb collisions at root S-NN=2.76 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Comprehensive measurements of t-channel single top-quark production cross sections at root S=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton**

collisions at root s=8 TeV with the ATLAS detector

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- **Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions at the LHC using the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector**

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- **Measurement of the total cross section from elastic scattering in pp collisions at root s=7 TeV with the ATLAS detector**

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- **Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data**

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- **Measurement of flow harmonics with multi-particle cumulants in Pb plus Pb collisions at root(NN)-N-S=2.76 TeV with the ATLAS detector**

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- **Observation of an Excited B-c(+/-) Meson State with the ATLAS Detector**

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- **Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in root s=8 TeV pp collisions with the ATLAS detector**

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- **Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at root s=8 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at root s=7TeV with the ATLAS detector**
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- Measurement of the t(t)over-bar production cross-section using e mu events with b-tagged jets in pp collisions at root s=7 and 8 TeV with the ATLAS detector**
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- Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector**
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- Search for Scalar Diphoton Resonances in the Mass Range 65-600 GeV with the ATLAS Detector in pp Collision Data at root s=8 TeV**
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- Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at root s=8 TeV with the ATLAS detector**
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- **Measurements of normalized differential cross sections for $t\bar{t}$ production in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector**

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- **Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s(NN)}=5.02$ TeV proton-lead collisions with the ATLAS detector**

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- **Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector**

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- **Evidence for Electroweak Production of $W(+/-)W(+/-)jj$ in pp Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector**

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- **Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**

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- **Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data**

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- **Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s}=8$ TeV proton-proton collision data**

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- **Measurement of the Z/γ^* boson transverse momentum distribution in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector**

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- **Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**

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- **Flavor tagged time-dependent angular analysis of the $B\text{-}s(0) \rightarrow J/\psi \phi$ decay and extraction of $\Delta\Gamma(s)$ and the weak phase $\phi(s)$ in ATLAS**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at TeV with ATLAS**

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- **Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb⁻¹ of root s=8 TeV proton-proton collision data with the ATLAS detector**

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- **Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at root s=7 TeV in 2010**

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- **Measurement of the production cross-section of $\psi(2S) \rightarrow J/\psi(\rightarrow \mu^+\mu^-)\pi^+\pi^-$ in pp collisions at root s=7 TeV at ATLAS**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4l$ channels in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector**

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- **Search for new particles in events with one lepton and missing transverse momentum in pp collisions at root s=8 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at=8 TeV with the ATLAS detector**

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- **A neural network clustering algorithm for the ATLAS silicon pixel detector**

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- **Light-quark and gluon jet discrimination in collisions at root s=7 TeV with the ATLAS detector**

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- **Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at root s=8 TeV**

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- **Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at root S-NN=2.76 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **Measurement of the underlying event in jet events from 7 proton-proton collisions with the ATLAS detector**

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- **Measurement of event-plane correlations in root s(NN)=2.76 TeV lead-lead collisions with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **Operation and performance of the ATLAS semiconductor tracker**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **Measurement of chi(c1) and chi(c2) production with root s=7 TeV pp collisions at ATLAS**

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- **Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data**

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- **Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at root s=8 TeV with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **The differential production cross section of the phi(1020) meson in root s=7 TeV pp collisions measured with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Aben R., Abi B., Abolins M.,
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- **Monitoring and data quality assessment of the ATLAS liquid argon calorimeter**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **Search for direct top-squark pair production in final states with two leptons in pp collisions at root s=8 TeV with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. ,
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- **Measurement of the low-mass Drell-Yan differential cross section at root s=7 TeV using the ATLAS detector**

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- **Measurements of Four-Lepton Production at the Z Resonance in pp Collisions at root s=7 and 8 TeV with ATLAS**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for supersymmetry at root s=8 TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for top quark decays $t \rightarrow q H$ with $H \rightarrow \gamma \gamma$ using the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Search for direct top squark pair production in events with a boson, jets and missing transverse momentum in TeV collisions with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of the parity-violating asymmetry parameter a_B and the helicity amplitudes for the decay $\Lambda_b(0) \rightarrow J/\psi \Lambda_b(0)$ with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Measurement of the production of a W boson in association with a charm quark in pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at root s=8TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.

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- **Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Search for Higgs boson decays to a photon and a Z boson in pp collisions at root s=7 and 8 TeV with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., AbdelKhalek S., Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in root s=8 TeV pp collisions with the ATLAS detector**

Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A. , Abdinov O., Aben R., Abi B., Abolins M., AbouZeid O. S. , et al.

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- **Measurement of the production cross section of prompt j/ψ mesons in association with a W (+/-) boson in pp collisions root s=7 TeV with the ATLAS detector**

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- **Search for pair production of heavy top-like quarks decaying to a high-p(T) W boson and a b quark in the lepton plus jets final state at root s=7 TeV with the ATLAS detector**
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transverse momentum in root s=7 TeV pp collisions with the ATLAS detector

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• **Search for new phenomena in the WW -> vertical bar v vertical bar ' v ' final state in pp collisions at root s=7 TeV with the ATLAS detector**

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• **Search for doubly charged Higgs bosons in like-sign dilepton final states at root s=7 TeV with the ATLAS detector**

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