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## Eğitim Bilgileri

Doktora, University of Oxford-Balliol College, Fizik Bölümü, Birleşik Krallık 2004 - 2007

Yüksek Lisans, Massachusetts Institute of Technology, Fizik Bölümü, Amerika Birleşik Devletleri 2001 - 2004

Lisans, Massachusetts Institute of Technology, Fizik Bölümü, Amerika Birleşik Devletleri 1997 - 2001

Lisans Yandal, Massachusetts Institute of Technology, Müzik Bölümü, Amerika Birleşik Devletleri 1997 - 2001

Lisans Yandal, Massachusetts Institute of Technology, Matematik Bölümü, Amerika Birleşik Devletleri 1997 - 2001

## Yaptığı Tezler

Doktora, Construction and performance of the ATLAS SCT barrels and cosmic tests, University Of Oxford-Balliol College, Fizik Bölümü, 2007

Yüksek Lisans, A transition radiation detector and gas supply system for AMS, Massachusetts Institute Of Technology, Fizik Bölümü, 2004

## Araştırma Alanları

Malzeme Karakterizasyonu, Nükleer mühendislik ve nükleer enerji çalışmaları, Parçacık fiziği ve nükleer fizikte deneysel yöntemler ve enstrümantasyon, Radyoaktif bozunum ve in-beam spektroskopi, Görev analizi , Uzay ortamı etkileri

## Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2017 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2011 - 2017

## Akademik İdari Deneyim

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Merkez Müdürü, Orta Doğu Teknik Üniversitesi, Rektörlük, Uzay ve Hızlandırıcı Teknolojiler Uygulama ve Araştırma Merkezi (İVMER), 2019 - Devam Ediyor  
Üniversite Yönetim Kurulu Üyesi, CERN, Avrupa Nükleer Araştırma Merkezi/CERN Kullanıcıları Danışma Kurulu Türkiye Temsilcisi, 2015 - Devam Ediyor  
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PHYSICAL REVIEW D, cilt.88, sa.1, 2013 (SCI-Expanded)



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- XCv. Measurement of upsilon production in 7 TeV pp collisions at ATLAS**  
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- XCvIII. Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC**  
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- XCIX. Measurement of the t(t)over-bar production cross section in the tau plus jets channel using the ATLAS detector**  
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EUROPEAN PHYSICAL JOURNAL C, cilt.73, sa.3, 2013 (SCI-Expanded)
- C. Multi-channel search for squarks and gluinos in root s=7 TeV pp collisions with the ATLAS detector at the LHC**  
Aad G., Abajyan T., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdinov O., Aben R., Abi B., Abolins M., et al.  
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- CI. Jet energy resolution in proton-proton collisions at root s 7 TeV recorded in 2010 with the ATLAS detector**  
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- CII. Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at root S-NN=2.76 TeV with the ATLAS detector**  
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- CIII. A search for high-mass resonances decaying to tau(+)tau(-) in pp collisions at root s=7 TeV with the ATLAS detector**

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PHYSICAL REVIEW LETTERS, cilt.110, sa.1, 2013 (SCI-Expanded)

- CXVII. **Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at root s=7 TeV**  
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- CXXXV. **Measurement of the top quark pair cross section with ATLAS in pp collisions at root s=7 TeV using final states with an electron or a muon and a hadronically decaying tau lepton**  
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- CXLIV. **Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector**  
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- CXLV. **Search for second generation scalar leptoquarks in pp collisions at root s=7 TeV with the ATLAS detector**  
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- CXLIX. **Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector ATLAS Collaboration**  
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- CL. **Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying tau lepton in proton-proton collisions at root s=7 TeV with the ATLAS detector ATLAS Collaboration**  
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- CLIII. **Measurement of the azimuthal anisotropy for charged particle production in  $\sqrt{s(NN)}=2.76$  TeV lead-lead collisions with the ATLAS detector**  
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- CLIV. **Search for pair-produced heavy quarks decaying to  $Wq$  in the two-lepton channel at  $\sqrt{s}=7$  TeV with the ATLAS detector**  
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- CLV. **Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W Bosons**  
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- CLVI. **Search for the decay  $B_s(0) \rightarrow \mu^{+}\mu^{-}$  with the ATLAS detector**  
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- CLVII. **Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the  $W \rightarrow l\nu$  and  $Z \rightarrow ll$  Cross Sections**  
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- CLVIII. **Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at  $\sqrt{s}=7$  TeV with the ATLAS detector**  
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- CLIX. **Measurement of tau polarization in  $W \rightarrow \tau \nu$  decays with the ATLAS detector in pp collisions at  $\sqrt{s}=7$  TeV**  
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- CLX. **A search for  $t(\bar{t})$  resonances with the ATLAS detector in  $2.05 \text{ fb}^{-1}$  of proton-proton collisions at  $\sqrt{s}=7$  TeV**  
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- CLXI. **Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in  $\sqrt{s}=7$  TeV pp Collisions with the ATLAS Detector**  
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- CLXII. **Search for Pair Production of a Heavy Up-Type Quark Decaying to a W Boson and a b Quark in the lepton plus jets Channel with the ATLAS Detector**  
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- CLXIII. **Search for resonant WZ production in the WZ  $\rightarrow$  lvl ' l ' channel in root(s)=7 TeV pp collisions with the ATLAS detector**  
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- CLXIV. **Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at root s=7 TeV with the ATLAS Detector**  
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- CLXV. **Search for supersymmetry in pp collisions at root s=7 TeV in final states with missing transverse momentum and b-jets with the ATLAS detector**  
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- CLXVI. **Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at root s=7 TeV**  
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- CLXVII. **Measurement of the W W cross section in root s=7 TeV pp collisions with the ATLAS detector and limits on anomalous gauge couplings**  
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- CLXVIII. **Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in root s=7 TeV proton-proton collisions**  
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- CLXIX. **Search for FCNC single top-quark production at root s=7 TeV with the ATLAS detector**  
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- CLXX. **Search for lepton flavour violation in the e mu continuum with the ATLAS detector in root s=7 TeV pp collisions at the LHC**  
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- CLXXI. **Measurement of the top quark mass with the template method in the t(t)over-bar  $\rightarrow$  lepton plus jets channel using ATLAS data**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.  
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- CLXXII. **Measurement of the charge asymmetry in top quark pair production in pp collisions at root s=7 TeV using the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.  
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- CLXXIII. **Measurement of t(t)over-bar production with a veto on additional central jet activity in pp collisions at root s=7 TeV using the ATLAS detector**  
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- CLXXIV. **Search for contact interactions in dilepton events from pp collisions at root s=7 TeV with the ATLAS detector**  
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- CLXXV. **Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at root s=7 TeV with the ATLAS detector**  
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- CLXXVI. **Observation of Spin Correlation in t(t)over-bar Events from pp Collisions at root s=7 TeV Using the ATLAS Detector**  
Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., et al.  
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- CLXXVII. **Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at root s=7 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.  
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- CLXXVIII. **Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at root s=7 TeV Collected by the ATLAS Detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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- CLXXIX. **Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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- CLXXX. **Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at root s=7 TeV**  
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- CLXXXI. **Study of jets produced in association with a W boson in pp collisions at root s=7 TeV with the ATLAS detector**  
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- CLXXXII. **Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at root s=7 TeV with the ATLAS experiment**

- Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abidinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.  
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- CLXXXIII. **Search for excited leptons in proton-proton collisions at root s=7 TeV with the ATLAS detector**  
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- CLXXXV. **Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector ATLAS Collaboration**  
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- CLXXXVI. **Search for diphoton events with large missing transverse momentum in 1 fb(-1) of 7 TeV proton-proton collision data with the ATLAS detector ATLAS Collaboration**  
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- CLXXXVII. **Measurement of the centrality dependence of the charged particle pseudorapidity distribution in lead-lead collisions at root s(NN)=2.76 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abidinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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- CXC. **Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at root s=7 TeV**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abidinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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- CXCI. **Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector**  
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- CXCII. **Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in root s=7 TeV proton-proton collisions**  
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- CXCIII. **Combined search for the Standard Model Higgs boson using up to 4.9 fb(-1) of pp collision data at**

**root s=7 TeV with the ATLAS detector at the LHC**

Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., et al.

PHYSICS LETTERS B, cilt.710, sa.1, ss.49-66, 2012 (SCI-Expanded)

**CXCIV. Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.709, ss.322-340, 2012 (SCI-Expanded)

**CXCV. Measurement of the  $W(+/-)Z$  production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

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**CXCVI. Measurement of  $D^*(+/-)$  meson production in jets from pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW D, cilt.85, sa.5, 2012 (SCI-Expanded)

**CXCVII. Search for first generation scalar leptoquarks in pp collisions at root s=7 TeV with the ATLAS detector**

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

PHYSICS LETTERS B, cilt.709, sa.3, ss.158-176, 2012 (SCI-Expanded)

**CXCVIII. Search for the Higgs Boson in the  $H \rightarrow WW^{(*)} \rightarrow l^{(+)}\nu l^{(-)}\bar{\nu}$  Decay Channel in pp Collisions at root s=7 TeV with the ATLAS Detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW LETTERS, cilt.108, sa.11, 2012 (SCI-Expanded)

**CXCIX. Search for the Standard Model Higgs Boson in the Diphoton Decay Channel with 4.9 fb<sup>-1</sup> of pp Collision Data at root s=7 TeV with ATLAS**

Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., et al.

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**CC. Rapidity gap cross sections measured with the ATLAS detector in pp collisions at root s=7 TeV**

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

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**CCI. Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

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**CCII. A measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at root s=7 TeV with ATLAS**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.708, ss.221-240, 2012 (SCI-Expanded)

**CCIII. Measurement of the production cross section for  $Z/\gamma^*$  in association with jets in pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu

H., et al.

PHYSICAL REVIEW D, cilt.85, sa.3, 2012 (SCI-Expanded)

**CCIV. Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector**

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

PHYSICAL REVIEW D, cilt.85, sa.3, 2012 (SCI-Expanded)

**CCV. Search for new physics in the dijet mass distribution using 1 fb<sup>-1</sup> of pp collision data at root s=7 TeV collected by the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.708, ss.37-54, 2012 (SCI-Expanded)

**CCVI. Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.707, sa.5, ss.478-496, 2012 (SCI-Expanded)

**CCVII. Measurement of the top quark pair production cross section in pp collisions at root s=7 TeV in dilepton final states with ATLAS**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.707, sa.5, ss.459-477, 2012 (SCI-Expanded)

**CCVIII. Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.707, sa.5, ss.438-458, 2012 (SCI-Expanded)

**CCIX. Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.707, sa.5, ss.418-437, 2012 (SCI-Expanded)

**CCX. Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at root s(NN)=2.76 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.707, ss.330-348, 2012 (SCI-Expanded)

**CCXI. Search for New Phenomena in t(t)overbar Events with Large Missing Transverse Momentum in Proton-Proton Collisions at root s=7 TeV with the ATLAS Detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW LETTERS, cilt.108, sa.4, 2012 (SCI-Expanded)

**CCXII. Measurement of the ZZ Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at root s=7 TeV with the ATLAS Detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW LETTERS, cilt.108, sa.4, 2012 (SCI-Expanded)

**CCXIII. Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in root s=7 TeV pp collisions using 1 fb<sup>-1</sup> of ATLAS data**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

- PHYSICAL REVIEW D, cilt.85, sa.1, 2012 (SCI-Expanded)
- CCXIV. **Measurement of the transverse momentum distribution of W bosons in pp collisions at root s=7 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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- CCXV. **Search for a heavy Standard Model Higgs boson in the channel  $H \rightarrow ZZ \rightarrow l^{(+)}l^{(-)} q\bar{q}$  using the ATLAS detector**  
Aad G., Abbott B., Abdallah J. J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.707, sa.1, ss.27-45, 2012 (SCI-Expanded)
- CCXVI. **Measurement of the isolated diphoton cross section in pp collisions at root s=7 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW D, cilt.85, sa.1, 2012 (SCI-Expanded)
- CCXVII. **K-s(0) and Lambda production in pp interactions at root s=0.9 and 7 TeV measured with the ATLAS detector at the LHC**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW D, cilt.85, sa.1, 2012 (SCI-Expanded)
- CCXVIII. **Measurement of the cross-section for b-jets produced in association with a Z boson at root s=7 TeV with the ATLAS detector ATLAS Collaboration**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.706, ss.295-313, 2012 (SCI-Expanded)
- CCXIX. **Measurement of the  $W \rightarrow \tau \nu(\tau)$  cross section in pp collisions at root s=7 TeV with the ATLAS experiment**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.706, ss.276-294, 2012 (SCI-Expanded)
- CCXX. **Performance of missing transverse momentum reconstruction in proton-proton collisions at root s=7 TeV with ATLAS**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.1, 2012 (SCI-Expanded)
- CCXXI. **Performance of the ATLAS Trigger System**  
Gabaldon C.  
JOURNAL OF INSTRUMENTATION, cilt.7, 2012 (SCI-Expanded)
- CCXXII. **A study of the material in the ATLAS inner detector using secondary hadronic interactions**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
JOURNAL OF INSTRUMENTATION, cilt.7, 2012 (SCI-Expanded)
- CCXXIII. **Search for Dilepton Resonances in pp Collisions at root s 7 TeV with the ATLAS Detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW LETTERS, cilt.107, sa.27, 2011 (SCI-Expanded)
- CCXXIV. **Measurement of the  $Z \rightarrow \tau \tau$  cross section with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW D, cilt.84, sa.11, 2011 (SCI-Expanded)

- CCXXV. **Measurement of the inclusive isolated prompt photon cross-section in pp collisions at root s=7 TeV using 35 pb(-1) of ATLAS data**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.706, ss.150-167, 2011 (SCI-Expanded)
- CCXXVI. **Search for massive colored scalars in four-jet final states in root s=7 TeV proton-proton collisions with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.12, 2011 (SCI-Expanded)
- CCXXVII. **Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at root s=7 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.12, 2011 (SCI-Expanded)
- CCXXVIII. **Search for a heavy neutral particle decaying into an electron and a muon using 1 fb(-1) of ATLAS data**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.12, 2011 (SCI-Expanded)
- CCXXIX. **Search for the Higgs Boson in the H -> WW -> l nu jj Decay Channel in pp Collisions at root s=7 TeV with the ATLAS Detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW LETTERS, cilt.107, sa.23, 2011 (SCI-Expanded)
- CCXXX. **Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinovi O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.705, sa.5, ss.452-470, 2011 (SCI-Expanded)
- CCXXXI. **Search for the Standard Model Higgs boson in the decay channel H -> ZZ(())\*()) -> 4l with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolin M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.705, sa.5, ss.435-451, 2011 (SCI-Expanded)
- CCXXXII. **Search for a Standard Model Higgs Boson in the H -> ZZ -> l(+)l(-)v(v)over-bar Decay Channel with the ATLAS Detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICAL REVIEW LETTERS, cilt.107, sa.22, 2011 (SCI-Expanded)
- CCXXXIII. **Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in root s=7 TeV proton-proton collisions**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.705, sa.4, ss.294-312, 2011 (SCI-Expanded)
- CCXXXIV. **Search for neutral MSSM Higgs bosons decaying to tau(+)tau(-) pairs in proton-proton collisions root s=7 TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.705, sa.3, ss.174-192, 2011 (SCI-Expanded)
- CCXXXV. **Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb(-1) of pp**

**collisions at root s=7 TeV using the ATLAS detector ATLAS Collaboration**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.705, ss.28-46, 2011 (SCI-Expanded)

**CCXXXVI. Measurement of the  $\text{Upsilon}(1S)$  production cross-section in pp collisions at root s=7 TeV**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.705, ss.9-27, 2011 (SCI-Expanded)

**CCXXXVII. Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.11, 2011 (SCI-Expanded)

**:CXXXVIII. 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**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.11, 2011 (SCI-Expanded)

**CCXXXIX. Search for diphoton events with large missing transverse energy with 36 pb(-1) of 7 TeV proton-proton collision data with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.10, 2011 (SCI-Expanded)

**CCXL. Measurement of the differential cross-sections of inclusive, prompt and non-prompt  $J/\psi$  production in proton-proton collisions at root s=7 TeV**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

NUCLEAR PHYSICS B, cilt.850, sa.3, ss.387-444, 2011 (SCI-Expanded)

**CCXLI. Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at root s=7 TeV**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, cilt.703, sa.4, ss.428-446, 2011 (SCI-Expanded)

**CCXLII. Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW D, cilt.84, sa.5, 2011 (SCI-Expanded)

**CCXLIII. Measurement of the inelastic proton-proton cross-section at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

NATURE COMMUNICATIONS, cilt.2, 2011 (SCI-Expanded)

**CCXLIV. Limits on the production of the standard model Higgs boson in pp collisions at root s=7 TeV with the ATLAS detector**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.71, sa.9, 2011 (SCI-Expanded)

**CCXLV. Measurement of the  $W+W^-$  Cross Section in root s=7 TeV pp Collisions with ATLAS**

Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICAL REVIEW LETTERS, cilt.107, sa.4, 2011 (SCI-Expanded)

- CCXLVI. **Search for supersymmetry in pp collisions at root  $s=7$  TeV in final states with missing transverse momentum and b-jets**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
PHYSICS LETTERS B, cilt.701, sa.4, ss.398-416, 2011 (SCI-Expanded)
- CCXLVII. **Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in root  $s=7$  TeV proton-proton collisions with the ATLAS experiment**  
Aad G., Abbott B., Abdallah J., Abdelalim A. A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
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## Akademi Dışı Deneyim

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Diğer, Diğer (Kurumlar,hastaneler Vb.)

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OTAK Teknoloji A.Ş.

ROKETSAN A.Ş.

TÜRKİYE ATOM ENERJİSİ KURUMU (TAEK)

ENERJİ VE TABİİ KAYNAKLAR BAKANLIĞI

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