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Eğitim Bilgileri

Doktora, University Of Oxford-Balliol College, Fizik Bölümü, İngiltere 2004 - 2007

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

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

Lisans, Massachusetts Institute Of Technology, Fizik 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 spektroskopisi, 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

Mesleki Deneyim

Yardımcı Üye, Diğer (Kurumlar,hastaneler Vb.), 2019 - Devam Ediyor

Merkez Müdürü, Orta Doğu Teknik Üniversitesi, Rektörlük, Uzay ve Hızlandırıcı Teknolojiler Uygulama ve Araştırma Merkezi (İVMER), 2019 - Devam Ediyor

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Üniversite Yönetim Kurulu Üyesi, Cern, 2014 - 2019

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Üniversite Yönetim Kurulu Üyesi, Cern, Avrupa Nükleer Araştırmalar Merkezi, Cern Kullanıcıları Danışma Kurulu, 2015 - 2015

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Yönetilen Tezler

Akdeniz M. V. , Demirköz M. B. , RADIATION DAMAGE STUDIES OF BULK METALLIC GLASS MATERIALS UNDER PROTON IRRADIATION AND RADIOPROTECTION STUDIES FOR METU-DBL, Yüksek Lisans, P.USLU(Öğrenci), 2019

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Properties of Neon, Magnesium, and Silicon Primary Cosmic Rays Results from the Alpha Magnetic Spectrometer**
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- IV. **Towards Understanding the Origin of Cosmic-Ray Electrons**
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- XX. **High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5-500 GeV with the Alpha Magnetic Spectrometer on the International Space Station**
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- XXV. **Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS**
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- XXVII. **Measurement of the production cross section of prompt j/ψ mesons in association with a W (+/-) boson in pp collisions $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector**
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- XXX. **Search for a multi-Higgs-boson cascade in $W^{+}W^{-}b\bar{b}$ events with the ATLAS detector in pp collisions at $\sqrt{s}=8\text{ TeV}$**
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- CXII. Search for a Standard Model Higgs boson in the mass range 200-600 GeV in the $H \rightarrow ZZ \rightarrow l^{(+)}l^{(-)}q\bar{q}$ decay channel with the ATLAS detector**
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PHYSICS LETTERS B, cilt.717, ss.70-88, 2012 (SCI İndekslerine Giren Dergi)
- CXIII. Measurement of W gamma and Z gamma production cross sections in pp collisions at root s=7 TeV and limits on anomalous triple gauge couplings with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.
PHYSICS LETTERS B, cilt.717, ss.49-69, 2012 (SCI İndekslerine Giren Dergi)
- CXIV. ATLAS measurements of the properties of jets for boosted particle searches**
Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.
PHYSICAL REVIEW D, cilt.86, sa.7, 2012 (SCI İndekslerine Giren Dergi)
- CXV. Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at root(s)=7 TeV with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Thalek S. A., Abdelalim A. A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.
PHYSICAL REVIEW D, cilt.86, sa.7, 2012 (SCI İndekslerine Giren Dergi)
- CXVI. Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets 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., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.10, 2012 (SCI İndekslerine Giren Dergi)
- CXVII. Measurement of $W^{(+/-)}Z$ production in proton-proton collisions at root s=7 TeV 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., et al.
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- CXVIII. Search for the Standard Model Higgs boson in the $H \rightarrow WW^{(*)} \rightarrow l\nu l\nu$ decay mode with 4.7 fb⁻¹ of ATLAS data at root s=7 TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A., Abdelalim A. A., Abdinov O., Abi B., Abolins M., AbouZeid O. S., Abramowicz H., et al.

- PHYSICS LETTERS B, cilt.716, sa.1, ss.62-81, 2012 (SCI İndekslerine Giren Dergi)
- CXIX. **Evidence for the associated production of a W boson and a top quark in ATLAS at root s=7 TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Abi B., Abolins M., AbouZeid O. S. ,
Abramowicz H., et al.
PHYSICS LETTERS B, cilt.716, sa.1, ss.142-159, 2012 (SCI İndekslerine Giren Dergi)
- CXX. **Observation of a new particle in the search for the Standard Model Higgs boson 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.
PHYSICS LETTERS B, cilt.716, sa.1, ss.1-29, 2012 (SCI İndekslerine Giren Dergi)
- CXXI. **Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at root s=7 TeV**
Aad G., Abbott B., Abdallah J., Abdelahm A. A. , Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O. S. ,
Abramowicz H., et al.
PHYSICS LETTERS B, cilt.716, sa.1, ss.122-141, 2012 (SCI İndekslerine Giren Dergi)
- CXXII. **Measurement of the azimuthal ordering of charged hadrons 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.86, sa.5, 2012 (SCI İndekslerine Giren Dergi)
- CXXIII. **Search for second generation scalar leptoquarks in pp collisions at root s=7 TeV with 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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- CXXIV. **Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at root s=7 TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Abi B., Abolins M., AbouZeid O. S. ,
Abramowicz H., et al.
PHYSICS LETTERS B, cilt.715, ss.44-60, 2012 (SCI İndekslerine Giren Dergi)
- CXXV. **Search for tb Resonances in Proton-Proton Collisions at root s=7 TeV with 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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- CXXVI. **Search for Pair Production of a New b ' Quark that Decays into a Z Boson and a Bottom Quark with 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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- CXXVII. **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**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdesselam A., Abdinovi O., Abi B., Abolins M., AbouZeid O. S. , et al.
PHYSICS LETTERS B, cilt.714, ss.180-196, 2012 (SCI İndekslerine Giren Dergi)
- CXXVIII. **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**
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.714, ss.197-214, 2012 (SCI İndekslerine Giren Dergi)
- CXXIX. **Combined search for the Standard Model Higgs boson in pp collisions at fffffi root s=7 TeV 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., et al.

- PHYSICAL REVIEW D, cilt.86, sa.3, 2012 (SCI İndekslerine Giren Dergi)
- CXXX. **Measurement of the azimuthal anisotropy for charged particle production in root $s(NN)=2.76$ TeV lead-lead collisions with 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.
PHYSICAL REVIEW C, cilt.86, sa.1, 2012 (SCI İndekslerine Giren Dergi)
- CXXXI. **Measurement of inclusive jet and dijet 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., Abramowicz H., Abreu H., et al.
PHYSICAL REVIEW D, cilt.86, sa.1, 2012 (SCI İndekslerine Giren Dergi)
- CXXXII. **Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel 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.
PHYSICAL REVIEW D, cilt.86, sa.1, 2012 (SCI İndekslerine Giren Dergi)
- CXXXIII. **Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W Bosons**
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 LETTERS, cilt.109, sa.3, 2012 (SCI İndekslerine Giren Dergi)
- CXXXIV. **Search for the decay $B-s(0) \rightarrow \mu(+)\mu(-)$ with the ATLAS detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICS LETTERS B, cilt.713, ss.387-407, 2012 (SCI İndekslerine Giren Dergi)
- CXXXV. **Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the $W \rightarrow l\nu$ and $Z \rightarrow ll$ Cross Sections**
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 LETTERS, cilt.109, sa.1, 2012 (SCI İndekslerine Giren Dergi)
- CXXXVI. **Measurement of tau polarization in $W \rightarrow \tau \nu$ decays with the ATLAS detector in pp collisions at root $s=7$ TeV**
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.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.7, 2012 (SCI İndekslerine Giren Dergi)
- CXXXVII. **Search for heavy neutrinos and right-handed W bosons in events with two leptons and 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., AbouZeid O. S. , Abramowicz H., et al.
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- CXXXVIII. **A search for $t(\bar{t})$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at root $s=7$ TeV**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.7, 2012 (SCI İndekslerine Giren Dergi)
- CXXXIX. **Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in root $s=7$ TeV pp Collisions with the ATLAS Detector**
Aad G., Abbott B., Abdallah J., Khalek S. A. , Abdelalim A. A. , Abdinov O., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
PHYSICAL REVIEW LETTERS, cilt.108, sa.26, 2012 (SCI İndekslerine Giren Dergi)
- CXL. **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

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 LETTERS, cilt.108, sa.26, 2012 (SCI İndekslerine Giren Dergi)

CXLI. Search for resonant WZ production in the $WZ \rightarrow l\nu l' l'$ channel in $\sqrt{s}=7$ TeV pp collisions with 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.

PHYSICAL REVIEW D, cilt.85, sa.11, 2012 (SCI İndekslerine Giren Dergi)

CXLII. Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7$ 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.

PHYSICAL REVIEW LETTERS, cilt.108, sa.25, 2012 (SCI İndekslerine Giren Dergi)

CXLIII. Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and b-jets with 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.

PHYSICAL REVIEW D, cilt.85, sa.11, 2012 (SCI İndekslerine Giren Dergi)

CXLIV. Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV

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.

PHYSICAL REVIEW LETTERS, cilt.108, sa.24, 2012 (SCI İndekslerine Giren Dergi)

CXLV. Search for FCNC single top-quark production at $\sqrt{s}=7$ 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.712, ss.351-369, 2012 (SCI İndekslerine Giren Dergi)

CXLVI. Measurement of the WW cross section in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector and limits on anomalous gauge couplings

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.712, ss.289-308, 2012 (SCI İndekslerine Giren Dergi)

CXLVII. Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions

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.712, ss.331-350, 2012 (SCI İndekslerine Giren Dergi)

CXLVIII. Search for lepton flavour violation in the $e\mu$ continuum with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions 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.

EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.6, 2012 (SCI İndekslerine Giren Dergi)

CXLIX. Measurement of the top quark mass with the template method in the $t(\bar{t}) \rightarrow$ 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.

EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.6, 2012 (SCI İndekslerine Giren Dergi)

CL. Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s}=7$ 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.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.6, 2012 (SCI İndekslerine Giren Dergi)
- CLI. **Measurement of $t(\bar{t})$ over-bar production with a veto on additional central jet activity in 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.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.6, 2012 (SCI İndekslerine Giren Dergi)
- CLII. **Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at root $s=7$ TeV with 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. s. , et al.
PHYSICS LETTERS B, cilt.712, ss.22-39, 2012 (SCI İndekslerine Giren Dergi)
- CLIII. **Search for contact interactions in dilepton events 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., AbouZeid O. S. , Abramowicz H., et al.
PHYSICS LETTERS B, cilt.712, ss.40-58, 2012 (SCI İndekslerine Giren Dergi)
- CLIV. **Observation of Spin Correlation in $t(\bar{t})$ 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.
PHYSICAL REVIEW LETTERS, cilt.108, sa.21, 2012 (SCI İndekslerine Giren Dergi)
- CLV. **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.
PHYSICAL REVIEW D, cilt.85, sa.9, 2012 (SCI İndekslerine Giren Dergi)
- CLVI. **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.
PHYSICAL REVIEW LETTERS, cilt.108, sa.21, 2012 (SCI İndekslerine Giren Dergi)
- CLVII. **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.
PHYSICS LETTERS B, cilt.711, ss.244-263, 2012 (SCI İndekslerine Giren Dergi)
- CLVIII. **Study of jets produced in association with a W 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.
PHYSICAL REVIEW D, cilt.85, sa.9, 2012 (SCI İndekslerine Giren Dergi)
- CLIX. **Search for Scalar Bottom Quark Pair Production 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.
PHYSICAL REVIEW LETTERS, cilt.108, sa.18, 2012 (SCI İndekslerine Giren Dergi)
- CLX. **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., Abdinov O., Abi B., Abolins M., AbouZeid O. S. , Abramowicz H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.5, 2012 (SCI İndekslerine Giren Dergi)

- CLXI. **Search for excited leptons 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.
PHYSICAL REVIEW D, cilt.85, sa.7, 2012 (SCI İndekslerine Giren Dergi)
- CLXII. **Measurement of the inclusive W-+/- and Z/gamma* cross sections in the e and mu decay channels 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.7, 2012 (SCI İndekslerine Giren Dergi)
- CLXIII. **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**
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.710, ss.519-537, 2012 (SCI İndekslerine Giren Dergi)
- CLXIV. **Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector ATLAS Collaboration**
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.710, ss.538-556, 2012 (SCI İndekslerine Giren Dergi)
- CLXV. **Search for the Standard Model Higgs boson in the decay channel H -> ZZ((*)) -> 4l with 4.8 fb(-1) 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 U. S. , et al.
PHYSICS LETTERS B, cilt.710, sa.3, ss.383-402, 2012 (SCI İndekslerine Giren Dergi)
- CLXVI. **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., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.
PHYSICS LETTERS B, cilt.710, sa.3, ss.363-382, 2012 (SCI İndekslerine Giren Dergi)
- CLXVII. **Observation of a New X-b State in Radiative Transitions to Y(1S) and Y(2S) at ATLAS**
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 LETTERS, cilt.108, sa.15, 2012 (SCI İndekslerine Giren Dergi)
- CLXVIII. **Search for decays of stopped, long-lived particles from 7 TeV pp 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.72, sa.4, 2012 (SCI İndekslerine Giren Dergi)
- CLXIX. **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., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.4, 2012 (SCI İndekslerine Giren Dergi)
- CLXX. **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 İndekslerine Giren Dergi)
- CLXXI. **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**
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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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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- CLXXVI. **Search for the Higgs Boson in the $H \rightarrow WW^{(*)} \rightarrow l^{(+)}\nu l^{(-)}(\bar{\nu})$ Decay Channel in pp Collisions at $\sqrt{s}=7$ 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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- CLXXVII. **Search for the Standard Model Higgs Boson in the Diphoton Decay Channel with 4.9 fb^{-1} of pp Collision Data at $\sqrt{s}=7$ 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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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. **Measurement of the production cross section for Z/γ^* in association with jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector**
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- CLXXXI. **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**
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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- CLXXXII. **Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond**

the standard model with the ATLAS detector

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CLXXXIII. Search for new physics in the dijet mass distribution using 1 fb(-1) 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.

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CLXXXIV. 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.

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CLXXXV. 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 İndekslerine Giren Dergi)

CLXXXVI. 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 İndekslerine Giren Dergi)

CLXXXVII. 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.

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.LXXXVIII. 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

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CLXXXIX. 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.

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CXC. 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 İndekslerine Giren Dergi)

CXCI. 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(-1) of ATLAS data

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PHYSICAL REVIEW D, cilt.85, sa.1, 2012 (SCI İndekslerine Giren Dergi)

CXCII. 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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Aad G., Abbott B., Abdallah J. J. , Abdelalim A. A. , Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.
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- CXCIV. **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.
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- CXCV. **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.
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- CXCVI. **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 İndekslerine Giren Dergi)
- CXCVII. **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 İndekslerine Giren Dergi)
- CXCVIII. **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.
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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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- CC. **Performance of the ATLAS Trigger System**
Gabaldon C.
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- CCI. **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.
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- CCII. **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 İndekslerine Giren Dergi)
- CCIII. **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.

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- CCIV. **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.
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- CCV. **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.
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- CCVI. **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.
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- CCVII. **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.
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- CCVIII. **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.
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- CCIX. **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.
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- CCX. **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.
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- CCXI. **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 İndekslerine Giren Dergi)
- CCXII. **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.
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- CCXIII. **Measurement of the 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.
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- CCXIV. **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.
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- CCXV. **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.
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- CCXVI. **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.
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- CCXVII. **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.
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- CCXVIII. **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.
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- CCXIX. **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.
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- CCXX. **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.
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- CCXXI. **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.
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- CCXXII. **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.
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- CCXXIII. **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.
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- CCXXIV. **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.

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- CCXXV. **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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- CCXXVI. **Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum 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.
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- CCXXVII. **Search for contact interactions in dimuon events 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.
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- CCXXVIII. **Measurement of the W charge asymmetry in the $W \rightarrow \mu \nu$ decay mode 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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- CCXXIX. **Search for high-mass states with one lepton plus missing transverse momentum 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.
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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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- CCXXXI. **Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in root s=7 TeV pp collisions 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.
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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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