Publications
J. P. Ochoa-Ricoux

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- **Conference Proceedings:**

- "Latest Results from the Daya Bay Experiment," J. P. Ochoa-Ricoux, Proceedings from the 18th Conference on Neutrino Factories and Future Neutrino Facilities (2016).
- "Reactor Antineutrinos: Present and Future," J. P. Ochoa-Ricoux, 10th Latin-American Symposium of High-Energy Physics, Nucl.Part.Phys.Proc. 267-269, 116-122 (2015).
- "Reactor Antineutrinos: Tools for Discovery", Proceedings of the "Workshop on Particle Physics and Astrophysics: Challenges and Opportunities in Mexico and Latin America", 24-28 Jan 2014, Guanajuato, Mexico. DGPE-UNAM (2015).
- "Results from the Daya Bay Reactor Neutrino Experiment," J. P. Ochoa-Ricoux for the Daya Bay Collaboration, IOP Science (2012).
- "The Daya Bay Neutrino Oscillation Experiment," J.P. Ochoa-Ricoux for the Daya Bay Collaboration, Nucl.Phys.Proc.Suppl.217:140-142 (2011).
- "Incorporating Engineering Design and Analytic Research into a Physics and Engineering Summer Course", published by the American Society for Engineering Education (ASEE), AC 2009-1696 (2009)
- "Electron Neutrino Background Analysis with the MINOS Near Detector", J.P. Ochoa-Ricoux and M. Sanchez J. Phys. : Conf. Ser. 136 042031 (2008)
- "Physics Fundamentals, Engineering Design, and Research: an integrated approach to the development of a three-week short course", published by the American Society for Engineering Education (ASEE), AC 2008-2378 (2008)
- "MINOS Results and Prospects", J.P. Ochoa-Ricoux for the MINOS Collaboration, published in the Proceedings of the XIIIth Lomonosov Conference on Elementary Particle Physics, edited by A. Studenikin (2008)
- "Exploring the Physics Frontier with anti-neutrinos and electron neutrinos in MINOS", J.P. Ochoa-Ricoux for the MINOS Collaboration, Proceedings of the 45th International School of Subnuclear Physics, edited by A. Zichichi, World Scientific (2007)
- "Physics with the MINOS Experiment", J.P. Ochoa-Ricoux for the MINOS Collaboration, Prog. Part. Nucl. Phys. 57 1, 147-149 (2006)

- **Refereed Publications:**

Neutrino Physics:

- Cosmogenic neutron production at Daya Bay
By Daya Bay Collaboration (Feng Peng An et al.).
arXiv:1711.00588 [hep-ex].

- Seasonal Variation of the Underground Cosmic Muon Flux Observed at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1708.01265 [physics.ins-det].

- Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1704.01082 [hep-ex].
10.1103/PhysRevLett.118.251801.
Phys.Rev.Lett. 118 (2017) no.25, 251801.

- Measurement of electron antineutrino oscillation based on 1230 days of operation of the Daya Bay experiment
By Daya Bay Collaboration (Feng Peng An et al.).
arXiv:1610.04802 [hep-ex].
10.1103/PhysRevD.95.072006.
Phys.Rev. D95 (2017) no.7, 072006.

- Improved Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay
By Daya Bay Collaboration (Feng Peng An et al.).
arXiv:1607.05378 [hep-ex].
10.1088/1674-1137/41/1/013002.
Chin.Phys. C41 (2017) no.1, 013002.

- JUNO Conceptual Design Report
By JUNO Collaboration (Zelimir Djurcic et al.).
arXiv:1508.07166 [physics.ins-det].

- Neutrino Physics with JUNO
By JUNO Collaboration (Fengpeng An et al.).
arXiv:1507.05613 [physics.ins-det].
10.1088/0954-3899/43/3/030401.
J.Phys. G43 (2016) no.3, 030401.

- Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments
By Daya Bay and MINOS Collaborations (P. Adamson et al.).
arXiv:1607.01177 [hep-ex].
10.1103/PhysRevLett.117.151801, 10.1103/PhysRevLett.117.209901.
Phys.Rev.Lett. 117 (2016) no.15, 151801, Addendum: Phys.Rev.Lett. 117 (2016) no.20, 209901.

- Improved Search for a Light Sterile Neutrino with the Full Configuration of the Daya Bay Experiment
By Daya Bay Collaboration (Feng Peng An et al.).
arXiv:1607.01174 [hep-ex].
10.1103/PhysRevLett.117.151802.
Phys.Rev.Lett. 117 (2016) no.15, 151802.

- New measurement of θ_{13} via neutron capture on hydrogen at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1603.03549 [hep-ex].
10.1103/PhysRevD.93.072011.
Phys.Rev. D93 (2016) no.7, 072011.

- Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay
By Daya Bay Collaboration (Feng Peng An et al.).
arXiv:1508.04233 [hep-ex].
10.1103/PhysRevLett.116.061801, 10.1103/PhysRevLett.118.099902.
Phys.Rev.Lett. 116 (2016) no.6, 061801, Erratum: Phys.Rev.Lett. 118 (2017) no.9, 099902.

- The Detector System of The Daya Bay Reactor Neutrino Experiment
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1508.03943 [physics.ins-det].
10.1016/j.nima.2015.11.144.
Nucl.Instrum.Meth. A811 (2016) 133-161.

- New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1505.03456 [hep-ex].
10.1103/PhysRevLett.115.111802.

Phys.Rev.Lett. 115 (2015) no.11, 111802.

- Waterproofed Photomultiplier Tube Assemblies for the Daya Bay Reactor Neutrino Experiment
By Daya Bay Collaboration (Ken Chow et al.).
arXiv:1502.06652 [physics.ins-det].
10.1016/j.nima.2015.05.002.
Nucl.Instrum.Meth. A794 (2015) 25-32.

- Search for a Light Sterile Neutrino at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1407.7259 [hep-ex].
10.1103/PhysRevLett.113.141802.
Phys.Rev.Lett. 113 (2014) 141802.

- The muon system of the Daya Bay Reactor antineutrino experiment
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1407.0275 [physics.ins-det].
10.1016/j.nima.2014.09.070.
Nucl.Instrum.Meth. A773 (2015) 8-20.

- Independent measurement of the neutrino mixing angle θ_{13} via neutron capture on hydrogen at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1406.6468 [hep-ex].
10.1103/PhysRevD.90.071101.
Phys.Rev. D90 (2014) no.7, 071101.

- Spectral measurement of electron antineutrino oscillation amplitude and frequency at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1310.6732 [hep-ex].
10.1103/PhysRevLett.112.061801.
Phys.Rev.Lett. 112 (2014) 061801.

- Assembly and Installation of the Daya Bay Antineutrino Detectors
By H.R. Band et al..
arXiv:1309.1557 [physics.ins-det].
10.1088/1748-0221/8/11/T11006.
JINST 8 (2013) T11006.

- Improved Measurement of Electron Antineutrino Disappearance at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1210.6327 [hep-ex].
10.1088/1674-1137/37/1/011001.
Chin.Phys. C37 (2013) 011001.

- Observation of electron-antineutrino disappearance at Daya Bay
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1203.1669 [hep-ex].
10.1103/PhysRevLett.108.171803.
Phys.Rev.Lett. 108 (2012) 171803.

- A side-by-side comparison of Daya Bay antineutrino detectors
By Daya Bay Collaboration (F.P. An et al.).
arXiv:1202.6181 [physics.ins-det].
10.1016/j.nima.2012.05.030.
Nucl.Instrum.Meth. A685 (2012) 78-97.

- Search for the disappearance of muon antineutrinos in the NuMI neutrino beam
By MINOS Collaboration (P. Adamson et al.).

arXiv:1108.1509 [hep-ex].
10.1103/PhysRevD.84.071103.
Phys.Rev. D84 (2011) 071103.

- Improved search for muon-neutrino to electron-neutrino oscillations in MINOS
By MINOS Collaboration (P. Adamson et al.).
arXiv:1108.0015 [hep-ex].
10.1103/PhysRevLett.107.181802.
Phys.Rev.Lett. 107 (2011) 181802.

- First direct observation of muon antineutrino disappearance
By MINOS Collaboration (P. Adamson et al.).
arXiv:1104.0344 [hep-ex].
10.1103/PhysRevLett.107.021801.
Phys.Rev.Lett. 107 (2011) 021801.

- New constraints on muon-neutrino to electron-neutrino transitions in MINOS
By MINOS Collaboration (P. Adamson et al.).
arXiv:1006.0996 [hep-ex].
10.1103/PhysRevD.82.051102.
Phys.Rev. D82 (2010) 051102.

- Search for sterile neutrino mixing in the MINOS long baseline experiment
By MINOS Collaboration (P. Adamson et al.).
arXiv:1001.0336 [hep-ex].
10.1103/PhysRevD.81.052004.
Phys.Rev. D81 (2010) 052004.

- Neutrino and Antineutrino Inclusive Charged-current Cross Section Measurements with the MINOS Near Detector
By MINOS Collaboration (P. Adamson et al.).
arXiv:0910.2201 [hep-ex].
10.1103/PhysRevD.81.072002.
Phys.Rev. D81 (2010) 072002.

- Search for muon-neutrino to electron-neutrino transitions in MINOS
By MINOS Collaboration (P. Adamson et al.).
arXiv:0909.4996 [hep-ex].
10.1103/PhysRevLett.103.261802.
Phys.Rev.Lett. 103 (2009) 261802.

- Observation of muon intensity variations by season with the MINOS far detector
By MINOS Collaboration (P. Adamson et al.).
arXiv:0909.4012 [hep-ex].
10.1103/PhysRevD.81.012001.
Phys.Rev. D81 (2010) 012001.

- Sudden stratospheric warmings seen in MINOS deep underground muon data
By MINOS Collaboration (S. Osprey et al.).
10.1029/2008GL036359.
Geophys.Res.Lett. 36 (2009) L05809.

- Search for active neutrino disappearance using neutral-current interactions in the MINOS long-baseline experiment
By MINOS Collaboration (P. Adamson et al.).
arXiv:0807.2424 [hep-ex].
10.1103/PhysRevLett.101.221804.
Phys.Rev.Lett. 101 (2008) 221804.

- Testing Lorentz Invariance and CPT Conservation with NuMI Neutrinos in the MINOS Near Detector
By MINOS Collaboration (P. Adamson et al.).
arXiv:0806.4945 [hep-ex].
10.1103/PhysRevLett.101.151601.
Phys.Rev.Lett. 101 (2008) 151601.

- Measurement of Neutrino Oscillations with the MINOS Detectors in the NuMI Beam
By MINOS Collaboration (P. Adamson et al.).
arXiv:0806.2237 [hep-ex].
10.1103/PhysRevLett.101.131802.
Phys.Rev.Lett. 101 (2008) 131802.

- The Magnetized steel and scintillator calorimeters of the MINOS experiment
By MINOS Collaboration (D.G. Michael et al.).
arXiv:0805.3170 [physics.ins-det].
10.1016/j.nima.2008.08.003.
Nucl.Instrum.Meth. A596 (2008) 190-228.

- A Study of Muon Neutrino Disappearance Using the Fermilab Main Injector Neutrino Beam
By MINOS Collaboration (P. Adamson et al.).
arXiv:0711.0769 [hep-ex].
10.1103/PhysRevD.77.072002.
Phys.Rev. D77 (2008) 072002.

- Measurement of neutrino velocity with the MINOS detectors and NuMI neutrino beam
By MINOS Collaboration (P. Adamson et al.).
arXiv:0706.0437 [hep-ex].
10.1103/PhysRevD.76.072005.
Phys.Rev. D76 (2007) 072005.

- Measurement of the atmospheric muon charge ratio at TeV energies with MINOS
By MINOS Collaboration (P. Adamson et al.).
arXiv:0705.3815 [hep-ex].
10.1103/PhysRevD.76.052003.
Phys.Rev. D76 (2007) 052003.

- Charge-separated atmospheric neutrino-induced muons in the MINOS far detector
By MINOS Collaboration (P. Adamson et al.).
hep-ex/0701045.
10.1103/PhysRevD.75.092003.
Phys.Rev. D75 (2007) 092003.

- Observation of muon neutrino disappearance with the MINOS detectors and the NuMI neutrino beam
By MINOS Collaboration (D.G. Michael et al.).
hep-ex/0607088.
10.1103/PhysRevLett.97.191801.
Phys.Rev.Lett. 97 (2006) 191801.

- First observations of separated atmospheric nu(mu) and anti-nu(mu) events in the MINOS detector
By MINOS Collaboration (P. Adamson et al.).
hep-ex/0512036.
10.1103/PhysRevD.73.072002.
Phys.Rev. D73 (2006) 072002.

Collider Physics:

- Measurement of multi-particle azimuthal correlations in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1705.04176 [hep-ex].
10.1140/epjc/s10052-017-4988-1.
Eur.Phys.J. C77 (2017) no.6, 428.

- Search for dark matter at $\sqrt{s}=13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1704.03848 [hep-ex].
10.1140/epjc/s10052-017-4965-8.
Eur.Phys.J. C77 (2017) no.6, 393.

- Measurements of integrated and differential cross sections for isolated photon pair production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1704.03839 [hep-ex].
10.1103/PhysRevD.95.112005.
Phys.Rev. D95 (2017) 112005.

- Measurement of the $t\bar{t}$ production cross section in the τ + jets final state in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1702.08839 [hep-ex].
10.1103/PhysRevD.95.072003.
Phys.Rev. D95 (2017) no.7, 072003.

- Probing the Wtb vertex structure in t-channel single-top-quark production and decay in pp collisions at $\sqrt{\mathrm{s}}=8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1702.08309 [hep-ex].
10.1007/JHEP04(2017)124.
JHEP 1704 (2017) 124.

- Performance of the ATLAS Transition Radiation Tracker in Run 1 of the LHC: tracker properties
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1702.06473 [hep-ex].
10.1088/1748-0221/12/05/P05002.
JINST 12 (2017) no.05, P05002.

- Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1702.05725 [hep-ex].
10.1140/epjc/s10052-017-4900-z.
Eur.Phys.J. C77 (2017) no.6, 361.

- Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{{s_\mathrm{NN}}}$ = 2.76$ TeV with the ATLAS detector at the LHC
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1702.00674 [hep-ex].
10.1140/epjc/s10052-017-4915-5.
Eur.Phys.J. C77 (2017) no.6, 379.

- Measurement of the cross section for inclusive isolated-photon production in pp collisions at $\sqrt s=13$ TeV using the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).

arXiv:1701.06882 [hep-ex].
10.1016/j.physletb.2017.04.072.
Phys.Lett. B770 (2017) 473-493.

- Measurement of charged-particle distributions sensitive to the underlying event in $ \sqrt{s}=13 $ TeV proton-proton collisions with the ATLAS detector at the LHC
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1701.05390 [hep-ex].
10.1007/JHEP03(2017)157.
JHEP 1703 (2017) 157.

- Measurements of top quark spin observables in $ t\overline{t} $ events using dilepton final states in $ \sqrt{s}=8 $ TeV pp collisions with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.07004 [hep-ex].
10.1007/JHEP03(2017)113.
JHEP 1703 (2017) 113.

- Measurements of top-quark pair differential cross-sections in the $e\mu$ channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.05220 [hep-ex].
10.1140/epjc/s10052-017-4821-x.
Eur.Phys.J. C77 (2017) no.5, 292.

- Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt s = 13, 8, 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.03636 [hep-ex].
10.1007/JHEP02(2017)117.
JHEP 1702 (2017) 117.

- Precision measurement and interpretation of inclusive W^+ , W^- and $Z/\gamma ^*$ production cross sections with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.03016 [hep-ex].
10.1140/epjc/s10052-017-4911-9.
Eur.Phys.J. C77 (2017) no.6, 367.

- Measurement of the prompt J/ $\psi $ pair production cross-section in pp collisions at $ \sqrt{s} = 8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.02950 [hep-ex].
10.1140/epjc/s10052-017-4644-9.
Eur.Phys.J. C77 (2017) no.2, 76.

- Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $ \sqrt{s}$ = 8 TeV in the lepton+jets channel with ATLAS
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.02577 [hep-ex].
10.1140/epjc/s10052-017-4819-4.
Eur.Phys.J. C77 (2017) no.4, 264.

- Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1612.01456 [hep-ex].
10.1140/epjc/s10052-017-4756-2.
Eur.Phys.J. C77 (2017) no.3, 195.

- Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton–proton collisions at the LHC
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1611.10235 [physics.ins-det].
10.1140/epjc/s10052-017-4887-5.
Eur.Phys.J. C77 (2017) no.5, 332.

- Performance of the ATLAS Trigger System in 2015
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1611.09661 [hep-ex].
10.1140/epjc/s10052-017-4852-3.
Eur.Phys.J. C77 (2017) no.5, 317.

- High-$E_{\rm T}$ isolated-photon plus jets production in pp collisions at $\sqrt s=$ 8 TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1611.06586 [hep-ex].
10.1016/j.nuclphysb.2017.03.006.
Nucl.Phys. B918 (2017) 257-316.

- Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=$ 13 pp collisions with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1611.05791 [hep-ex].
10.1140/epjc/s10052-017-4700-5.
Eur.Phys.J. C77 (2017) no.3, 144.

- Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1610.09978 [hep-ex].
10.1140/epjc/s10052-017-4766-0.
Eur.Phys.J. C77 (2017) no.4, 220.

- Measurements of $\psi(2S)$ and $X(3872) \to J/\psi\pi^+\pi^-$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1610.09303 [hep-ex].
10.1007/JHEP01(2017)117.
JHEP 1701 (2017) 117.

- Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1610.07869 [hep-ex].
10.1007/JHEP02(2017)071.
JHEP 1702 (2017) 071.

- Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt s =$ 8 TeV using the $ZZ\to\ell^{-}\ell^{+}\ell^{\prime -}\ell^{\prime +}$ and $ZZ\to\ell^{-}\ell^{+}\nu\bar{\nu}$ channels with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1610.07585 [hep-ex].
10.1007/JHEP01(2017)099.
JHEP 1701 (2017) 099.

- Search for triboson $W^{\pm }W^{\pm }W^{\mp }$ production in pp collisions at $\sqrt{s} =8$ $\text {TeV}$ with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1610.05088 [hep-ex].
10.1140/epjc/s10052-017-4692-1.
Eur.Phys.J. C77 (2017) no.3, 141.

- Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s}=$ 8 TeV proton-proton collisions in the ATLAS detector
By ATLAS Collaboration (G. Aad et al.).
arXiv:1609.09324 [hep-ex].
10.1140/epjc/s10052-017-4780-2.
Eur.Phys.J. C77 (2017) no.4, 241.

- Measurement of W boson angular distributions in events with high transverse momentum jets at $\sqrt{s}=$ 8 TeV using the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.07045 [hep-ex].
10.1016/j.physletb.2016.12.005.
Phys.Lett. B765 (2017) 132-153.

- Measurements of long-range azimuthal anisotropies and associated Fourier coefficients for pp collisions at $\sqrt{s}=5.02$ and 13 TeV and p+Pb collisions at $ \sqrt{s_{\mathrm{NN}}}=5.02$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.06213 [nucl-ex].

- Search for anomalous electroweak production of WW/WZ in association with a high-mass dijet system in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.05122 [hep-ex].
10.1103/PhysRevD.95.032001.
Phys.Rev. D95 (2017) no.3, 032001.

- Search for dark matter in association with a Higgs boson decaying to b-quarks in pp collisions at $\sqrt s=13$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.04572 [hep-ex].
10.1016/j.physletb.2016.11.035.
Phys.Lett. B765 (2017) 11-31.

- A measurement of material in the ATLAS tracker using secondary hadronic interactions in 7 TeV pp collisions
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.04305 [hep-ex].
10.1088/1748-0221/11/11/P11020.
JINST 11 (2016) no.11, P11020.

- Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s}$ = 13 TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.03920 [hep-ex].
10.1007/JHEP04(2017)086.
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- Measurement of the $t\bar{t}Z$ and $t\bar{t}W$ production cross sections in multilepton final states using 3.2 fb^{-1} of pp collisions at $\sqrt{s}$ = 13 TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1609.01599 [hep-ex].

10.1140/epjc/s10052-016-4574-y.
Eur.Phys.J. C77 (2017) no.1, 40.

- Luminosity determination in pp collisions at $\sqrt{s}$ = 8 TeV using the ATLAS detector at the LHC
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.03953 [hep-ex].
10.1140/epjc/s10052-016-4466-1.
Eur.Phys.J. C76 (2016) no.12, 653.

- Measurement of W^+W^- production in association with one jet in proton--proton collisions at $\sqrt{s} =8$ TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.03086 [hep-ex].
10.1016/j.physletb.2016.10.014.
Phys.Lett. B763 (2016) 114-133.

- Search for dark matter produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} =$ 13 TeV with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.02372 [hep-ex].
10.1016/j.physletb.2016.10.042.
Phys.Lett. B763 (2016) 251-268.

- Study of hard double-parton scattering in four-jet events in pp collisions at $ \sqrt{s}=7 $ TeV with the ATLAS experiment
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.01857 [hep-ex].
10.1007/JHEP11(2016)110.
JHEP 1611 (2016) 110.

- Search for Minimal Supersymmetric Standard Model Higgs bosons H/A and for a $Z^{\prime}$ boson in the $\tau \tau$ final state produced in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.00890 [hep-ex].
10.1140/epjc/s10052-016-4400-6.
Eur.Phys.J. C76 (2016) no.11, 585.

- Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in $ \sqrt{s}=8 $ TeV proton-proton collisions
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1608.00872 [hep-ex].
10.1007/JHEP09(2016)175.
JHEP 1609 (2016) 175.

- A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector
By ATLAS Collaboration (Morad Aaboud et al.).
arXiv:1607.08842 [hep-ex].
10.1140/epjc/s10052-016-4580-0.
Eur.Phys.J. C77 (2017) no.1, 26.

- Measurement of the $b\overline{b}$ dijet cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
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