

List of publications (ordered by year)

2019

D. Turgeman, M. Pitt, I. Roth and E. Duchovni, *On the Modelling of Energetic Multi-jet QCD Events*, [1912.01254](#)

ATLAS collaboration, ATLAS Collaboration, *Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016*, [Eur. Phys. J. C **79** \(2019\) 205](#)

2018

ATLAS Collaboration, *Search for charged Higgs bosons decaying via $H^\pm \rightarrow \tau^\pm \nu_\tau$ in the τ +jets and τ +lepton final states with 36 fb^{-1} of pp collision data recorded at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS experiment*, [JHEP **09** \(2018\) 139](#)

M. Pitt, P. M. M. Correia, S. Bressler, A. E. C. Coimbra, D. Shaked Renous, C. D. R. Azevedo et al., *Measurements of charging-up processes in THGEM-based particle detectors*, [JINST **13** \(2018\) P03009](#)

P. M. M. Correia, M. Pitt, C. D. R. Azevedo, A. Breskin, S. Bressler, C. A. B. Oliveira et al., *Simulation of gain stability of THGEM gas-avalanche particle detectors*, [JINST **13** \(2018\) P01015](#)

2017

L. Moleri, F. D. Amaro, L. Arazi, C. D. R. Azevedo, E. Oliveri, M. Pitt et al., *The Resistive-Plate WELL with Argon mixtures – A robust gaseous radiation detector*, [Nucl. Instrum. Meth. A **845** \(2017\) 262](#)

2016

ATLAS Collaboration, *Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data*, [Eur. Phys. J. C **76** \(2016\) 666](#)

ATLAS Collaboration, *Search for charged Higgs bosons produced in association with a top quark and decaying via $H^\pm \rightarrow \tau \nu$ using pp collision data recorded at $\sqrt{s} = 13\text{ TeV}$ by the ATLAS detector*, [Phys. Lett. B **759** \(2016\) 555](#)

ATLAS Collaboration, *Search for charged Higgs bosons in the $H^\pm \rightarrow tb$ decay channel in pp collisions at $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector*, [JHEP **03** \(2016\) 127](#)

S. Bressler, L. Moleri, M. Pitt, S. Kudella, C. Azevedo, F. Amaro et al., *First in-beam studies of a Resistive-Plate WELL gaseous multiplier*, [JINST **11** \(2016\) P01005](#)

2015

ATLAS Collaboration, *Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector*, *Phys. Lett. B* **749** (2015) 519

ATLAS Collaboration, *Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector*, *Eur. Phys. J. C* **75** (2015) 335

ATLAS Collaboration, *Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector*, *JHEP* **04** (2015) 117

2014

L. Arazi, M. Pitt, S. Bressler, L. Moleri, A. Rubin and A. Breskin, *Laboratory studies of THGEM-based WELL structures with resistive anode*, *JINST* **9** (2014) P04011

S. Bressler, L. Moleri, L. Arazi, E. Erdal, A. Rubin, M. Pitt et al., *A concept for laboratory studies of radiation detectors over a broad dynamic-range: instabilities evaluation in THGEM-structures*, *JINST* **9** (2014) P03005

2013

S. Bressler, L. Arazi, L. Moleri, M. Pitt, A. Rubin and A. Breskin, *Recent advances with THGEM detectors*, *JINST* **8** (2013) C12012

A. Rubin, L. Arazi, S. Bressler, L. Moleri, M. Pitt and A. Breskin, *First studies with the Resistive-Plate WELL gaseous multiplier*, *JINST* **8** (2013) P11004

L. Arazi, C. D. R. Azevedo, A. Breskin, S. Bressler, L. Moleri, H. N. da Luz et al., *Beam Studies of the Segmented Resistive WELL: a Potential Thin Sampling Element for Digital Hadron Calorimetry*, *Nucl. Instrum. Meth. A* **732** (2013) 199

A. Rubin, L. Arazi, S. Bressler, A. Dery, L. Moleri, M. Pitt et al., *Optical readout: A tool for studying gas-avalanche processes*, *JINST* **8** (2013) P08001

S. Bressler, L. Arazi, H. N. da Luz, C. D. R. Azevedo, L. Moleri, E. Oliveri et al., *Beam studies of novel THGEM-based potential sampling elements for Digital Hadron Calorimetry*, *JINST* **8** (2013) P07017

A. E. C. Coimbra, A. S. Conceição, J. A. Mir, A. Rubin, M. Pitt, A. Breskin et al., *First results with THGEM followed by submillimetric multiplying gap*, *JINST* **8** (2013) P06004

2012

L. Arazi, H. N. da Luz, D. Freytag, M. Pitt, C. D. R. Azevedo, A. Rubin et al., *THGEM-based detectors for sampling elements in DHCAL: laboratory and beam evaluation*, *JINST* **7** (2012) C05011

2011

ATLAS collaboration, ATLAS Collaboration, *Search for neutral MSSM Higgs bosons decaying to $\tau^+\tau^-$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, *Phys. Lett. B* **705** (2011) 174

List of public notes (ordered by year)

2016

ATLAS Collaboration, *Search for charged Higgs bosons in the τ +jets final state using 14.7 fb^{-1} of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment*, Tech. Rep. ATLAS-CONF-2016-088, CERN, Geneva, 2016

ATLAS Collaboration, *Photon identification in 2015 ATLAS data*, Tech. Rep. ATL-PHYS-PUB-2016-014, CERN, Geneva, Aug, 2016