

# Maciej Trzebiński

## Lista publikacji

z dnia 31 października 2012

### Publikacje w czasopismach

1. R. Staszewski, P. Lebiedowicz, M. Trzebiński, J. Chwastowski, A. Szczurek, 2011, *Exclusive  $\pi^+\pi^-$  Production at the LHC with Forward Proton Tagging*, Acta Physica Polonica B vol. 42 page 1861
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3. R. Staszewski, M. Trzebiński, J. Chwastowski, 2012, *Dynamic Alignment Method at the LHC*, Adv. High Energy Phys. 2012 428305
4. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC*, Phys. Lett. B **716**, 1
5. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *A search for  $tt$  resonances in lepton+jets events with highly boosted top quarks collected in  $pp$  collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector*, JHEP **1209**, 041
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7. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Search for the Standard Model Higgs boson in the  $H$  to  $\tau\nu$  decay mode in  $\sqrt{s} = 7$  TeV  $pp$  collisions with ATLAS*, JHEP **1209**, 070
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10. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Search for the Standard Model Higgs boson in the  $H \rightarrow WW^{(*)} \rightarrow l\nu l\nu$  decay mode with  $4.7 \text{ /fb}$  of ATLAS data at  $\sqrt{s} = 7$  TeV*, Phys. Lett. B **716**, 62
11. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *A search for flavour changing neutral currents in top-quark decays in  $pp$  collision data collected with the ATLAS detector at  $\sqrt{s} = 7$  TeV*, JHEP **1209**, 139
12. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Evidence for the associated production of a  $W$  boson and a top quark in ATLAS at  $\sqrt{s} = 7$  TeV*, Phys. Lett. B **716**, 142
13. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *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*, Eur. Phys. J. C **72**, 2083
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15. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Measurement of the  $W$  boson polarization in top quark decays with the ATLAS detector*, JHEP **1206**, 088
16. G. Aad (M. Trzebiński) et al. [ATLAS Collaboration], 2012, *Measurement of the top quark pair cross section with ATLAS in  $pp$  collisions at  $\sqrt{s} = 7$  TeV using finalstates with an electron or a muon and a hadronically decaying  $\tau$  lepton*, Phys. Lett. B **717**, 89

17. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Search for  $tb$  resonances in proton-proton collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector***, Phys. Rev. Lett. **109**, 081801
18. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at  $\sqrt{s} = 7$  TeV***, Phys. Lett. B **715**, 44
19. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Measurement of  $\tau$  polarization in  $W \rightarrow \tau \nu$  decays with the ATLAS detector in pp collisions at  $\sqrt{s} = 7$  TeV***, Eur. Phys. J. C **72**, 2062
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24. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***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***, Phys. Lett. B **714**, 180
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27. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***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***, Phys. Rev. Lett. **108**, 241802
28. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Measurement of the top quark mass with the template method in the  $t\bar{t} \rightarrow \text{lepton} + \text{jets}$  channel using ATLAS data***, Eur. Phys. J. C **72**, 2046
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32. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Measurement of the charge asymmetry in top quark pair production in pp collisions at  $\sqrt{s} = 7$  TeV using the ATLAS detector***, Eur. Phys. J. C **72**, 2039
33. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Observation of spin correlation in  $t\bar{t}$  events from pp collisions at  $\sqrt{s} = 7$  TeV using the ATLAS detector***, Phys. Rev. Lett. **108**, 212001
34. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, ***Determination of the strange quark density of the proton from ATLAS measurements of the  $W \rightarrow l \nu$  and  $Z \rightarrow ll$  cross sections***, Phys. Rev. Lett. **109**, 012001

35. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, **Measurement of inclusive two-particle angular correlations in  $pp$  collisions with the ATLAS detector at the LHC**, JHEP 1205, 157
36. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, **Search for second generation scalar leptoquarks in  $pp$  collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector**, Eur. Phys. J. C 72, 2151
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39. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, **Measurement of the azimuthal anisotropy for charged particle production in  $\sqrt{s}(NN) = 2.76$  TeV lead-lead collisions with the ATLAS detector**, Phys. Rev. C 86, 014907
40. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, **Measurement of the polarisation of  $W$  bosons produced with large transverse momentum in  $pp$  collisions at  $\sqrt{s} = 7$  TeV with the ATLAS experiment**, Eur. Phys. J. C 72, 2001
41. G. Aad (M. Trzebiński) *et al.* [ATLAS Collaboration], 2012, **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**, Phys. Rev. Lett. 108, 251801
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