

**Publikácie / Publications
collaborations**

**Department: SAVFYZIK - Fyzikálny ústav SAV
Year of publication 2012~2015**

Statistics publication category

ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	48
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	3
Count		51

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

- ADCA01 ABDELWAHAB, N.M. - ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - FILIP, Peter. Isolation of flow and nonflow correlation by two- and four- particle cumulant measurements of azimuthal harmonics. In *Physics Letters B*, 2015, vol. 745, p. 40-47. (6.131 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA02 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Azimuthal anisotropy in U + U and Au + Au collisions at RHIC. In *Physical Review Letters*, 2015, vol. 115, 222301. (7.512 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA03 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Beam-energy dependence of the directed flow of protons, antiprotons and pions in Au plus Au collisions. In *Physical Review Letters*, 2014, vol. 112, no. 16, 162301. (7.728 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA04 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Beam-energy dependence of charge separation along the magnetic field in Au plus Au collisions at RHIC. In *Physical Review Letters*, 2014, vol. 113, no. 5, 052302. (7.728 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA05 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. In *Physical Review C. Nuclear physics*, 2015, vol. 92, 14904. (3.733 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

- ADCA06 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Directed flow of identified particles in Au+Au collisions at $S=200$ GeV at RHIC. In *Physical Review Letters*, 2012, vol. 108, 202301. (7.370 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA07 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Di-electron spectrum at mid-rapidity in Sp+pS collisions at $S(s)=200$ GeV. In *Physical Review C*, 2012, vol. 86, no. 2, 024906. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA08 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Di-hadron correlations with identified leading hadrons in 200 GeV Au+Au and d+Au collisions at STAR. In *Physics Letters B*, 2015, vol. 751, p. 233-240. (6.131 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA09 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Effect of event selection of jetlike correlation measurement in d+Au collisions at 200 GeV. In *Physics Letters B*, 2015, vol. 743, p. 333-339. (6.131 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA10 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}}=7.7-62.4$ GeV. In *Physical Review C*, 2013, vol. 88, 014902. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA11 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Energy dependence of K π , p π , and K p fluctuations in Au + Au collisions. In *Physical Review C*, 2015, vol. 92, no. 2, 021901. (3.733 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA12 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Energy dependence of moments of net-proton multiplicity distributions at RHIC. In *Physical Review Letters*, 2014, vol. 112, 032302. (7.728 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA13 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions. In *Physics Letters B*, 2015, vol. 750, p. 64-71. (6.131 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA14 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Experimental studies of di-jets in

Au+Au collisions using angular correlations with respect to back-to-back leading hadrons. In *Physical Review C*, 2013, vol. 87, no. 4, 044903. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA15 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Fluctuations of charge separation perpendicular to the event plane and local parity violation in SNN=200 GeV Au+Au collisions at the BNL relativistic heavy ion collider. In *Physical Review C*, 2013, vol. 88, 064911. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA16 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Freeze-out dynamics via charged kaon femtoscopy in SNN=200 GeV central Au+Au collisions. In *Physical Review C*, 2013, vol. 88, no. 3, 034906. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA17 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Charged-to-neutral correlation at forward rapidity in Au + Au collisions. In *Physical Review C*, 2015, vol. 91, no. 3, 034905. (3.733 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA18 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Inclusive charged hadron elliptic flow in Au+Au collisions. In *Physical Review C*, 2012, vol. 86, no. 5, 054908. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA19 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Jet-hadron correlations in root s(NN)=200 GeV p plus p and central Au plus Au collisions. In *Physical Review Letters*, 2014, vol. 112, no. 12, 122301. (7.728 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.

ADCA20 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. J/ψ production at high transverse momenta in p+p and Au+Au collisions at SNN= 200 GeV. In *Physics Letters B*, 2013, vol. 722, no. 1-3, p. 55-62. (4.569 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.

ADCA21 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized p+p collisions at sqrt(s)=200 GeV. In *Physical Review D*, 2012, vol. 86, no. 3, 032006. (4.558 - IF2011). (2012 - Current Contents). ISSN 1550-7998.

ADCA22 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Long-range pseudorapidity dihadron correlations in d+Au collisions. In *Physics Letters B*, 2015, vol. 747, p. 265-271. (6.131 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.

- ADCA23 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Measurements of D0 and D* production on p + p collisions. In *Physical Review D*, 2012, vol. 86, 72013. (4.558 - IF2011). (2012 - Current Contents). ISSN 1550-7998.
- ADCA24 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at root S-NN=200 GeV. In *Physical Review C. Nuclear physics*, 2014, vol. 89, no. 4, 044908. (3.881 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA25 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Measurements of dielectron production in Au + Au collisions at root s(NN)=200GeV from the STAR experiment. In *Physical Review C. Nuclear physics*, 2015, vol. 92, no. 2, 024912. (3.733 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA26 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Measurement of interaction between antiprotons. In *Nature : International Weekly Journal of Science*, 2015, vol. 527, no. 7578, p. 345-348. (41.456 - IF2014). (2015 - Current Contents). ISSN 0028-0836.
- ADCA27 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Measurement of J/psi azimuthal anisotropy in Au+Au collisions at SNN= 200 GeV. In *Physical Review Letters*, 2013, vol. 111, 052301. (7.943 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA28 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Measurement of the W - e nu and Z/gamma* - e(+) e(-) production. In *Physical Review D*, 2012, vol. 85, no. 9, 92010. (4.558 - IF2011). (2012 - Current Contents). ISSN 1550-7998.
- ADCA29 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at S= 200 GeV. In *Physical Review D*, 2014, vol. 89, no. 1, 012001. (4.864 - IF2013). (2014 - Current Contents). ISSN 1550-7998.
- ADCA30 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Observation of transverse spin-dependent azimuthal correlation of charged pion pairs. In *Physical Review Letters*, 2015, vol. 115, no. 24, 242501. (7.512 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA31 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Observation of charge asymmetry dependence of pion elliptic flow and the possible chiral magnetic wave in heavy-ion collisions. In *Physical Review Letters*, 2015, vol. 114, no. 25, 252302. (7.512 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.

- ADCA32 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Observation of an energy-dependent difference in elliptic flow between particles and antiparticles in relativistic heavy ion collisions. In *Physical Review Letters*, 2013, vol. 110, no. 14, 142301. (7.943 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA33 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Observation of D-0 meson nuclear modifications in Au plus Au collisions at $\sqrt{s_{NN}}=200$ GeV. In *Physical Review Letters*, 2014, vol. 113, no. 14, 142301. (7.728 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA34 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Precision measurement of the longitudinal double-spin asymmetry for inclusive jet production in polarized proton collisions. In *Physical Review Letters*, 2015, vol. 115, 92002. (7.512 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA35 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Single spin asymmetry AN in polarized proton-proton elastic scattering at $\sqrt{s}=200$ GeV. In *Physics Letters B*, 2013, vol. 719, no. 1-3, p. 62-69. (4.569 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA36 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Suppression of upsilon production in d plus Au and Au plus Au collisions at $\sqrt{s_{NN}}=200$ GeV. In *Physics Letters B*, 2014, vol. 735, p. 127-137. (6.019 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0370-2693.
- ADCA37 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}}=62.4$ and 200 GeV at the BNL relativistic heavy ion collider. In *Physical Review C*, 2013, vol. 87, no. 6, 064902. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA38 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. The Lambda Lambda Correlation Function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. In *Physical Review Letters*, 2015, vol. 114, 22301. (7.512 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA39 ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - FILIP, Peter. Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. In *Physical Review C*, 2013, vol. 88, no. 1, 014904. (3.715 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

- ADCA40 ADAMCZYK, L. - AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - FILIP, Peter. Transverse single-spin asymmetry and cross-section for S^0S and Smesons at large Feynman- S_xS in polarized p+p collisions at $S(s)=200$ GeV. In *Physical Review D*, 2012, vol. 86, 051101. (4.558 - IF2011). (2012 - Current Contents). ISSN 1550-7998.
- ADCA41 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions. In *Physical Review C*, 2012, vol. 86, no. 6, 064902. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA42 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. Directed and elliptic flow of charged particles in Cu+Cu collisions at $S((s(NN))=s^{22/4}$ GeV. In *Physical Review C*, 2012, vol.85, 14901. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA43 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. Energy and system-size dependence of two- and four-particle S_v $2S$ measurements in heavy-ion collisions at 62.4 and 200 GeV and implications on flow fluctuations and nonflow. In *Physical Review C*, 2012, vol. 86, no. 1, 014904. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA44 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. Identified hadron compositions in p+p and Au+Au collisions at high transverse momenta. In *Physical Review Letters*, 2012, vol. 108, no. 7, 072302. (7.370 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA45 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. $\rho(0)$ photoproduction in AuAu collisions at $\sqrt{s(NN)}=62.4$ GeV. In *Physical Review C*, 2012, vol. 85, no. 1, 014910. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.
- ADCA46 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. Strangeness enhancement in Cu-Cu and Au-Au collisions. In *Physical Review Letters*, 2012, vol. 108, 072301. (7.370 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
- ADCA47 AGAKISHIEV, G. - AGGARWAL, M.M. - AHAMMED, Z. - ALAKHVERDYANTS, A.V. - ALEKSEEV, I. - FILIP, Peter. System size and energy dependence of near-side di-hadron correlation. In *Physical Review C*, 2012, vol. 85, 14903. (3.308 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0556-2813.

ADCA48 SVOBODA, O. - BLUME, C. - CZYŻYCKI, W. - EPPLE, E. - FABBIETTI, L. - HLAVÁČ, Stanislav. Electromagnetic calorimeter for the HADES@FAIR experiment. In *Journal of Instrumentation*, 2014, vol. 9, may, cO5002. (1.526 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 1748-0221.

ADMB Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus

ADMB01 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - BERGER-CHEN, J.C. - HLAVÁČ, Stanislav. Highlights of resonance measurements with HADES. In *EPJ Web of Conferences*, 2015, vol. 97, 00015. ISSN 2100-014X.

ADMB02 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - BERGER-CHEN, J.C. - HLAVÁČ, Stanislav. Investigating hadronic resonances in pp interactions with HADES. In *EPJ Web of Conferences*, 2015, vol. 97, 00024. ISSN 2100-014X.

ADMB03 SVOBODA, O. - BLUME, C. - CZYŻYCKI, W. - EPPLE, E. - FABBIETTI, L. - HLAVÁČ, Stanislav. Verification of electromagnetic calorimeter concept for the HADES spectrometer. In *Journal of Physics: Conference Series*, 2015, vol. 599, 012026. (2015 - WOS, SCOPUS). ISSN 1742-6588.