

Mgr. Pablo Rodríguez-Ramos
List of publications

Main author:

- [1] P. Rodríguez-Ramos *et al.* [HADES], “Electromagnetic Calorimeter for HADES Experiment,” EPJ Web Conf. **81** (2014), 06009. doi:10.1051/epjconf/20148106009
- [2] P. Rodríguez-Ramos *et al.* [HADES], “Pion induced reaction with carbon and polyethylene targets obtained by HADES-GSI in 2014,” J. Phys. Conf. Ser. **742** (2016) no.1, 012029 doi:10.1088/1742-6596/742/1/012029

Publications as co-author:

In impacted journal

- [3] J. Adamczewski-Musch *et al.* [HADES], “Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in Au + Au Collisions at $\sqrt{s_{NN}} = 2.4$ GeV,” Phys. Rev. Lett. **125** (2020), 262301 [arXiv:2005.12217 [nucl-ex]]. doi:10.1103/PhysRevLett.125.262301
- [4] J. Adamczewski-Musch *et al.* [HADES], “Charged-pion production in Au+Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV: HADES Collaboration,” Eur. Phys. J. A **56** (2020) no.10, 259 [arXiv:2005.08774 [nucl-ex]]. doi:10.1140/epja/s10050-020-00237-2
- [5] J. Adamczewski-Musch *et al.* [HADES], “Two-pion production in the second resonance region in π^-p collisions with the High-Acceptance Di-Electron Spectrometer (HADES),” Phys. Rev. C **102** (2020) no.2, 024001 [arXiv:2004.08265 [nucl-ex]]. doi:10.1103/PhysRevC.102.024001
- [6] J. Adamczewski-Musch *et al.* [HADES], “Proton-number fluctuations in $\sqrt{s_{NN}} = 2.4$ GeV Au + Au collisions studied with the High-Acceptance DiElectron Spectrometer (HADES),” Phys. Rev. C **102** (2020) no.2, 024914 [arXiv:2002.08701 [nucl-ex]]. doi:10.1103/PhysRevC.102.024914
- [7] J. Adamczewski-Musch *et al.* [HADES], “Identical pion intensity interferometry at $\sqrt{s_{NN}} = 2.4$ GeV: HADES collaboration,” Eur. Phys. J. A **56** (2020) no.5, 140 [arXiv:1910.07885 [nucl-ex]]. doi:10.1140/epja/s10050-020-00116-w
- [8] J. Adamczewski-Musch *et al.* [HADES], “Probing dense baryon-rich matter with virtual photons,” Nature Phys. **15** (2019) no.10, 1040-1045. doi:10.1038/s41567-019-0583-8
- [9] J. Adamczewski-Musch *et al.* [HADES], “Sub-threshold production of K_s^0 mesons and Λ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV,” Phys. Lett. B **793** (2019), 457-463 [arXiv:1812.07304 [nucl-ex]]. doi:10.1016/j.physletb.2019.03.065
- [10] J. Adamczewski-Musch *et al.* [HADES], “Strong absorption of hadrons with hidden and open strangeness in nuclear matter,” Phys. Rev. Lett. **123** (2019) no.2, 022002 [arXiv:1812.03728 [nucl-ex]]. doi:10.1103/PhysRevLett.123.022002
- [11] J. Adamczewski-Musch *et al.* [HADES], “Identical pion intensity interferometry in central Au + Au collisions at 1.23 A GeV,” Phys. Lett. B **795** (2019), 446-451 [arXiv:1811.06213 [nucl-ex]]. doi:10.1016/j.physletb.2019.06.047

- [12] J. Adamczewski-Musch *et al.* [HADES], “Centrality determination of Au + Au collisions at 1.23A GeV with HADES,” *Eur. Phys. J. A* **54** (2018) no.5, 85 [arXiv:1712.07993 [nucl-ex]]. doi:10.1140/epja/i2018-12513-7
- [13] J. Adamczewski-Musch *et al.* [HADES], “A facility for pion-induced nuclear reaction studies with HADES,” *Eur. Phys. J. A* **53** (2017) no.9, 188. doi:10.1140/epja/i2017-12365-7
- [14] J. Adamczewski-Musch *et al.* [HADES], “Deep sub-threshold ϕ production in Au+Au collisions,” *Phys. Lett. B* **778** (2018), 403-407 [arXiv:1703.08418 [nucl-ex]]. doi:10.1016/j.physletb.2018.01.048
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- [16] J. Adamczewski-Musch *et al.* [HADES], “ $\Delta(1232)$ Dalitz decay in proton-proton collisions at T=1.25 GeV measured with HADES at GSI,” *Phys. Rev. C* **95** (2017) no.6, 065205 [arXiv:1703.07840 [nucl-ex]]. doi:10.1103/PhysRevC.95.065205

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- [17] P. Salabura *et al.* [HADES], “Exploring time like transitions in pp , πp and AA reactions with HADES,” *EPJ Web Conf.* **241** (2020), 01013. doi:10.1051/epjconf/202024101013
- [18] B. Ramstein *et al.* [HADES], “Time-Like Baryon Transitions studies with HADES,” *EPJ Web Conf.* **199** (2019), 01008. doi:10.1051/epjconf/201919901008
- [19] O. Svoboda *et al.* [HADES], “Verification of Electromagnetic Calorimeter Concept for the HADES spectrometer,” *J. Phys. Conf. Ser.* **599** (2015) no.1, 012026. doi:10.1088/1742-6596/599/1/012026