Giordon Stark

Pronouns: he/him/point

List of Publications

Below is the requested shortlist of significant publications relevant to the job position. For a full list, please refer to my curriculum vitæ.

References

[1] Julia Gonski et al. "Machine Learning on Heterogeneous, Edge, and Quantum Hardware for Particle Physics (ML-HEQUPP)". In: (Feb. 2026). arXiv: 2602.22248 [physics.ins-det].

[2] Thea Klaeboe Aarrestad et al. "Building an AI-native Research Ecosystem for Experimental Particle Physics: A Community Vision". In: (Feb. 2026). arXiv: 2602.17582 [hep-ex].

[3] Georges Aad et al. "Cross-section measurements for the production of a W-boson in association with high-transverse-momentum jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector". In: *Eur. Phys. J. C* 85.7 (2025), p. 738. DOI: 10.1140/epjc/s10052-025-14078-0. arXiv: 2412.11644 [hep-ex].

[4] Azzah Alshehri et al. "PyHEP.dev 2024 Workshop Summary Report, August 26-30 2024, Aachen, Germany". In: Oct. 2024. arXiv: 2410.02112 [hep-ex].

[5] D. Ciangottini et al. "Analysis Facilities White Paper". In: (Apr. 2024). arXiv: 2404.02100 [hep-ex].

[6] Georges Aad et al. "Statistical Combination of ATLAS Run 2 Searches for Charginos and Neutralinos at the LHC". In: *Phys. Rev. Lett.* 133.3 (2024), p. 031802. DOI: 10.1103/PhysRevLett.133.031802. arXiv: 2402.08347 [hep-ex].

[7] Giordon Stark, Camila Aristimuno Ots, and Mike Hance. "Reduce, reuse, reinterpret: An end-to-end pipeline for recycling particle physics results". In: *SciPost Phys. Codebases* (2024), p. 27. DOI: 10.21468/SciPostPhysCodeb.27. URL: https://scipost.org/10.21468/SciPostPhysCodeb.27.

[8] Stephen Bailey et al. "Data and Analysis Preservation, Recasting, and Reinterpretation". In: (Mar. 2022). arXiv: 2203.10057 [hep-ph].

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