

101 publications in refereed journals, with 5530 citations. H = 40 (autocitations removed)

3 Chapters in Books, with 84 citations.

3 Books edited, with 6 citations.

48 Publications in non-refereed journals, with 420 citations.

7 Popular-Level Articles

43 Technical and internal reports with 4 citations.

205 publications in total, with 6044 citations.

Publications in Refereed Journals

101. Cortina Gil, Eduardo and others, NA62 Collaboration: *Search for hadronic decays of feebly-interacting particles at NA62*. (2025). [arXiv:2502.04241 \[hep-ex\]](#).

2 Citations:

E: Alemany Fernández, R. and others, PBC Collaboration: *Summary Report of the Physics Beyond Colliders Study at CERN*. (2025). CERN-PBC-REPORT-2025-003, [arXiv:2505.00947 \[hep-ex\]](#).

E: Ovchynnikov, Maksym and Zaporozhchenko, Andrii: *Advancing the phenomenology of GeV-scale axion-like particles*. (2025). CERN-TH-2025-006, [arXiv:2501.04525 \[hep-ph\]](#).

100. Cortina Gil, Eduardo and others, NA62 Collaboration: *First detection of a tagged neutrino in the NA62 experiment*. *Phys. Lett. B* **863** 139345 (2025). [arXiv:2412.04033 \[hep-ex\]](#).

2 Citations:

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E: Acerbi, F. and others: *SBN@CERN: A short-baseline neutrino beam at CERN for high-precision cross-section measurements*. (2025). [arXiv:2503.21589 \[hep-ex\]](#).

99. Cortina Gil, Eduardo and others, NA62 Collaboration: *Observation of the $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ decay and measurement of its branching ratio*. *JHEP* **02** 191 (2025). [arXiv:2412.12015 \[hep-ex\]](#).

15 Citations:

E: Sun, Jin and Xing, Zhi-Peng and Yun, Seokhoon: *Probing ALP couplings to electroweak gauge bosons*. (2025). CTPU-PTC-25-03, [arXiv:2501.15250 \[hep-ph\]](#).

E: Alemany Fernández, R. and others, PBC Collaboration: *Summary Report of the Physics Beyond Colliders Study at CERN*. (2025). CERN-PBC-REPORT-2025-003, [arXiv:2505.00947 \[hep-ex\]](#).

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E: Ahn, J. K. and others, KOTO, KOTO II Collaboration: *Experimental Study of Rare Kaon Decays at J-PARC with KOTO and KOTO II*. (2025). [arXiv:2505.02568 \[hep-ex\]](#).

E: Isidori, Gino: *Flavour Physics and CP Violation*. (2025). [arXiv:2503.14042 \[hep-ph\]](#).

E: Accettura, Carlotta and others, International Muon Collider Collaboration: *The Muon Collider*. (2025). FERMILAB-PUB-25-0309-AD-PPD-T, [arXiv:2504.21417 \[physics.acc-ph\]](#).

E: He, Xiao-Gang and Ma, Xiao-Dong and Tandean, Jusak and Valencia, German: *Light dark-matter window in $K^+ \rightarrow \pi^+ + \cancel{E}$* . (2025). [arXiv:2505.02031 \[hep-ph\]](#).

E: Guadagnoli, Diego and Iohner, Axel and Lazzeroni, Cristina and Martinez Santos, Diego and Swallow, Joel C. and Toni, Claudio: *New bound on the vectorial axion-down-strange coupling from $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ data*. (2025). LAPTH-008/25, [arXiv:2503.05865 \[hep-ph\]](#).

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- E:** Allwicher, Lukas and Bordone, Marzia and Isidori, Gino and Piazza, Gioacchino and Stanzione, Alfredo: *Probing third-generation New Physics with $K \rightarrow \pi\nu\nu^-$ and $B \rightarrow K(*)\nu\nu^-$* . *Phys. Lett. B* **861** 139295 (2025). CERN-TH-2024-183, [arXiv:2410.21444 \[hep-ph\]](#).
- E:** Aebischer, Jason and others: *Kaon Physics: A Cornerstone for Future Discoveries*. (2025). CERN-TH-2025-066, [arXiv:2503.22256 \[hep-ph\]](#).
98. Ashraf, Muhammad Usman and others, NA62 Collaboration: *First search for $K^+ \rightarrow \pi^0\pi\mu e$ decays*. *Phys. Lett. B* **859** 139122 (2024). [arXiv:2409.12981 \[hep-ex\]](#).

3 Citations:

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- T:** Fiorenza, Renato: *Observation of the $K^+ \rightarrow \pi^+\nu\bar{\nu}$ decay and measurement of its branching ratio with the NA62 experiment*. (2024). CERN-THESIS-2024-332.

97. Cortina Gil, Eduardo and others, NA62 Collaboration: *Measurement of the $K^+ \rightarrow \pi^+\gamma\gamma$ decay*. *Phys. Lett. B* **850** 138513 (2024). [arXiv:2311.01837 \[hep-ex\]](#).

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