

Feebly-interacting particles: FIPs 2020 workshop report

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Probing relativistic axions from transient astrophysical sources. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 825, 136858.	1.5	10
2	Production of axion-like particles via vector boson fusion at future electron-positron colliders. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	11
3	Mapping the Viable Parameter Space for Testable Leptogenesis. <i>Physical Review Letters</i> , 2022, 128, 051801.	2.9	28
4	Axion-like particle searches at DarkQuest. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	15
5	Measuring the electron Yukawa coupling via resonant s-channel Higgs production at FCC-ee. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	9
6	Stellar evolution confronts axion models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 035.	1.9	26
7	Two dark matter candidates: The case of inert doublet and singlet scalars. <i>Physical Review D</i> , 2022, 105, .	1.6	16
8	X17 Discovery Potential in the $\hat{I}^3 N e$ Process at Electron Scattering Facilities. <i>Physical Review Letters</i> , 2022, 128, 091802.	2.9	4
9	511 keV line constraints on feebly interacting particles from supernovae. <i>Physical Review D</i> , 2022, 105, .	1.6	8
10	Scale invariant FIMP miracle. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 003.	1.9	18
11	An introduction to axions and their detection. <i>SciPost Physics Lecture Notes</i> , 0, , .	0.0	12
12	3D template-based <i>Fermi</i> -LAT constraints on the diffuse supernova axion-like particle background. <i>Physical Review D</i> , 2022, 105, .	1.6	18
13	Gauge hierarchy from electroweak vacuum metastability. <i>Physical Review D</i> , 2022, 105, .	1.6	10
14	Lepton phenomenology of Stueckelberg portal to dark sector. <i>Physical Review D</i> , 2022, 105, .	1.6	6
15	Axion quality problem alleviated by nonminimal coupling to gravity. <i>Physical Review D</i> , 2022, 105, .	1.6	6
16	Measuring the stability of fundamental constants with a network of clocks. <i>EPJ Quantum Technology</i> , 2022, 9, .	2.9	11
17	Low-energy signals from the formation of dark-matter nucleus bound states. <i>Physical Review D</i> , 2022, 105, .	1.6	2
18	General Markovian equation for scalar fields in a slowly evolving background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 039.	1.9	2

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19	Nonresonant searches for axion-like particles in vector boson scattering processes at the LHC. Journal of High Energy Physics, 2022, 2022, .	1.6	16
20	FACET: a new long-lived particle detector in the very forward region of the CMS experiment. Journal of High Energy Physics, 2022, 2022, .	1.6	30
21	Analytic treatment of underdamped axionic blue isocurvature perturbations. Physical Review D, 2022, 105, .	1.6	3
22	Constraining Heavy Axionlike Particles by Energy Deposition in Globular Cluster Stars. Physical Review Letters, 2022, 129, .	2.9	8
23	ALPINIST: Axion-Like Particles In Numerous Interactions Simulated and Tabulated. Journal of High Energy Physics, 2022, 2022, .	1.6	11
24	Dark matter detectors as a novel probe for light new physics. Physical Review D, 2022, 106, .	1.6	7
25	Probing axion-like particles coupling to gluons at the LHC. Journal of High Energy Physics, 2022, 2022, .	1.6	3
26	Cosmological relaxation through the dark axion portal. Journal of High Energy Physics, 2022, 2022, .	1.6	6
27	Neutrino Emissivities as a Probe of the Internal Magnetic Fields of White Dwarfs. Astrophysical Journal, 2022, 934, 99.	1.6	4
28	Molecular Chemistry for Dark Matter. III. DarkKROME. Astrophysical Journal, 2022, 934, 122.	1.6	6
29	New bounds on axion-like particles from MicroBooNE. Journal of High Energy Physics, 2022, 2022, .	1.6	7
30	Axion-like particle generation in laser-plasma interaction. Physica Scripta, 2022, 97, 105303.	1.2	1
31	Unveiling hidden physics at the LHC. European Physical Journal C, 2022, 82, .	1.4	26
32	Kinetic mixing, dark Higgs triplets, and MW . Physical Review D, 2022, 106, .	1.6	14
33	Factorizing hidden particle production rates. Journal of High Energy Physics, 2022, 2022, .	1.6	2
34	Quasi-sterile neutrinos from dark sectors. Part I. BSM matter effects in neutrino oscillations and the short-baseline anomalies.. Journal of High Energy Physics, 2022, 2022, .	1.6	1
35	Electroweak ALP searches at a muon collider. Journal of High Energy Physics, 2022, 2022, .	1.6	7
36	Searches for long-lived particles at the future FCC-ee. Frontiers in Physics, 0, 10, .	1.0	18

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37	Axions in string theory "slaying the Hydra of dark radiation. Journal of High Energy Physics, 2022, 2022, .	1.6	8
38	ALP searches at the LHC: FASER as a light-shining-through-walls experiment. Physical Review D, 2022, 106, .	1.6	7
39	Search for Galactic axions with a high- Q dielectric cavity. Physical Review D, 2022, 106, .	1.6	22
40	Measuring the inflaton coupling in the CMB. Journal of Cosmology and Astroparticle Physics, 2022, 069.	1.9	5
41	Axion couplings in grand unified theories. Journal of High Energy Physics, 2022, 2022, .	1.6	15
42	New physics searches at kaon and hyperon factories. Reports on Progress in Physics, 2023, 86, 016201.	8.1	33
43	Search for a New $B \rightarrow \bar{a}^* L$ $\langle \mathcal{M}^2 \rangle$ Gauge Boson with the NA64 Experiment at CERN. Physical Review Letters, 2022, 129, .	2.9	11
44	Effects of Electromagnetic Radiative Corrections in the Production of Lepton Pairs in Photon-Photon Fusion at LHC. Physics of Atomic Nuclei, 2022, 85, 500-514.	0.1	4
45	Probing pre-BBN era with scale invariant FIMP. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 082.	1.9	10
46	Collider searches for heavy neutral leptons: beyond simplified scenarios. European Physical Journal C, 2022, 82, .	1.4	14
47	Neutrino portals, terrestrial upscattering, and atmospheric neutrinos. Physical Review D, 2022, 106, .	1.6	11
48	Atmospheric axionlike particles at Super-Kamiokande. Physical Review D, 2022, 106, .	1.6	6
49	Blast from the past II: Constraints on heavy neutral leptons from the BEBC WA66 beam dump experiment. SciPost Physics, 2022, 13, .	1.5	13
50	Betelgeuse constraints on coupling between axionlike particles and electrons. Physical Review D, 2022, 106, .	1.6	1
51	Exploiting exotic LHC datasets for long-lived new particle searches. Journal of High Energy Physics, 2022, 2022, .	1.6	0
52	New anomaly observed in C supports the existence and the vector character of the hypothetical X_{17} boson. Physical Review C, 2022, 106, .	1.1	12
53	Neutron star observations of pseudoscalar-mediated dark matter. Physical Review D, 2022, 106, .	1.6	12
54	Probing high-energy solar axion flux with a large scintillation neutrino detector. Physical Review D, 2022, 106, .	1.6	6

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55	All-optical quantum vacuum signals in two-beam collisions. Physical Review D, 2022, 106, .	1.6	3
56	Low-scale leptogenesis with flavour and CP symmetries. Journal of High Energy Physics, 2022, 2022, .	1.6	6
57	Improved stellar limits on a light CP-even scalar. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 024.	1.9	19
58	Probing light exotics from a hidden sector at $\sqrt{s} < m_{\tilde{L}, \tilde{E}} < m_{\tilde{H}_u} < m_{\tilde{H}_d} < m_{\tilde{H}_\pm} < m_{\tilde{H}_0} < m_{\tilde{A}_0} < m_{\tilde{G}}$ factories with polarized electron beams. Physical Review D, 2023, 107, .	1.6	5
59	Relic challenges for vector-like fermions as connectors to a dark sector. Journal of High Energy Physics, 2023, 2023, .	1.6	6
60	Neutrino millicharge and other electromagnetic interactions with COHERENT-2021 data. Nuclear Physics B, 2023, 986, 116064.	0.9	9
61	Tests of low-scale leptogenesis in charged lepton flavour violation experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 837, 137643.	1.5	2
62	New benchmark models for heavy neutral lepton searches. European Physical Journal C, 2022, 82, .	1.4	4
63	The Forward Physics Facility at the High-Luminosity LHC. Journal of Physics G: Nuclear and Particle Physics, 2023, 50, 030501.	1.4	53
64	Cosmological imprints of Dirac neutrinos in a keV-vacuum 2HDM*. Chinese Physics C, 2023, 47, 043109.	1.5	4
65	Introducing a novel event generator for electron-nucleus and neutrino-nucleus scattering. Physical Review D, 2023, 107, .	1.6	6
66	Simulation of dark bremsstrahlung in Geant4. Computer Physics Communications, 2023, 287, 108690.	3.0	1
67	The present and future status of heavy neutral leptons. Journal of Physics G: Nuclear and Particle Physics, 2023, 50, 020501.	1.4	37
68	Sensitivity of the FACET experiment to Heavy Neutral Leptons and Dark Scalars. Journal of High Energy Physics, 2023, 2023, .	1.6	4
69	Constraints on light decaying dark matter candidates from 16 Åyr of INTEGRAL/SPI observations. Monthly Notices of the Royal Astronomical Society, 2023, 520, 4167-4172.	1.6	7
70	Probing HNL-ALP Couplings at Colliders. Fortschritte Der Physik, 2023, 71, .	1.5	2
71	Opportunities for new physics searches with heavy ions at colliders. Journal of Physics G: Nuclear and Particle Physics, 2023, 50, 050501.	1.4	3
72	Overview of feebly interacting particle in indirect detection searches. EPJ Web of Conferences, 2023, 280, 09001.	0.1	0

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73	Electroweak Corrections to Dilepton Production in Photon Fusion at the LHC. Physics of Atomic Nuclei, 2023, 86, 9-23.	0.1	0
74	Prospects for dark matter search at a super c-tau factory. Physical Review D, 2023, 107, .	1.6	1
107	Feebly-interacting particles: FIPs 2022 Workshop Report. European Physical Journal C, 2023, 83, .	1.4	10