

Ivan Morozov: Publication list

- [1] Y. Maltseva and I. Morozov. *Aperture limitation localization using beam position and beam loss monitor measurements*. 2025. arXiv: [2507.03333](https://arxiv.org/abs/2507.03333) [physics.acc-ph]. URL: <https://arxiv.org/abs/2507.03333>.
- [2] V. V. Anashin et al. “Measurement of the Masses of Neutral and Charged D Mesons with the KEDR Detector”. In: *Physics of Particles and Nuclei* 56.3 (June 2025), pp. 802–808. ISSN: 1531-8559. DOI: [10.1134/S1063779624702320](https://doi.org/10.1134/S1063779624702320). URL: <https://doi.org/10.1134/S1063779624702320>.
- [3] V. V. Anashin et al. *The branching fraction measurements of J/ψ decay into $\rho\eta$ and $\phi\eta$ final states*. 2025. arXiv: [2506.08453](https://arxiv.org/abs/2506.08453) [hep-ex]. URL: <https://arxiv.org/abs/2506.08453>.
- [4] V. V. Anashin et al. *New measurement of D^0 and D^+ meson masses with the KEDR detector*. 2025. arXiv: [2506.02421](https://arxiv.org/abs/2506.02421) [hep-ex]. URL: <https://arxiv.org/abs/2506.02421>.
- [5] T. Zolkin, S. Nagaitsev, I. Morozov, and S. Kladov. *Geometry of Almost-Conserved Quantities in Symplectic Maps. Part III: Approximate Invariants in Nonlinear Accelerator Systems*. 2025. arXiv: [2505.07225](https://arxiv.org/abs/2505.07225) [nlin.CD]. URL: <https://arxiv.org/abs/2505.07225>.
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- [10] I. Morozov and Y. Maltseva. “Coupled twiss parameters estimation from turn-by-turn data”. In: *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 1066 (2024), p. 169646. ISSN: 0168-9002. DOI: <https://doi.org/10.1016/j.nima.2024.169646>. URL: <https://www.sciencedirect.com/science/article/pii/S0168900224005722>.
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