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Список основных научных работ

Публикации в рецензируемых журналах (зарубежные):

1. "Mu2e Run I Sensitivity Projections for the Neutrinoless $\mu^- \rightarrow e^-$ Conversion Search in Aluminum", Mu2e Collaboration F. Abdi(Minnesota U.) et al. (Oct 20, 2022), submitted to Universe, e-Print: 2210.11380 [hep-ex]
2. "Scintillator ageing of the T2K near detectors from 2010 to 2021", T2K Collaboration K. Abe(Kamioka Observ.) et al., JINST 17 (2022) 10, P10028; e-Print: 2207.12982 [physics.ins-det]
3. "SuperFGD prototype time resolution studies", I. Alekseev(LPI, Moscow (main)), T. Arihara(Tokyo Metropolitan U. (main)), V. Baranov(Dubna, JINR), L. Bartoszek(U. Colorado, Boulder), L. Bernardi(LLR, Palaiseau) et al., JINST 18 (2023) 01, P01012; e-Print: 2206.10507 [physics.ins-det]
4. "High-precision measurement of the W boson mass with the CDF II detector", CDF Collaboration T. Aaltonen(Helsinki U. and Helsinki Inst. of Phys.) et al., Science 376 (2022) 6589, 170-176
5. "Measurement of the charge asymmetry of electrons from the decays of W bosons produced in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV", CDF Collaboration Timo Antero Aaltonen(Helsinki U. and Helsinki Inst. of Phys.) et al., Phys.Rev.D 104 (2021) 9, 092002; e-Print: 2107.04678 [hep-ex]
6. "Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions", CDF Collaboration Timo Antero Aaltonen(Helsinki U. and Helsinki Inst. of Phys.) et al., Phys.Rev.D 99 (2019) 5, 052001; e-Print: 1902.04683 [hep-ex]
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8. "Tevatron Run II combination of the effective leptonic electroweak mixing angle", CDF and D0 Collaborations Timo Antero Aaltonen(Helsinki U. and Helsinki Inst. of Phys.) et al., Phys.Rev.D 97 (2018) 11, 112007; e-Print: 1801.06283 [hep-ex]
9. "Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set", by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D93, 112005, 2016
10. "Measurement of the top-quark mass in the $\tau\bar{\tau}$ dilepton channel using the full CDF Run II data set", by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D92, 032003, 2015
11. "Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set", by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D90, 091101, 2014
12. "Direct measurement of the total decay width of the top quark", by CDF Collaboration (T. Aaltonen

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13. “*Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set*”, by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D88, 011101, 2013

14. “*Measurement of the mass difference between top and antitop quarks*”, by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D87, 052013, 2013

15. “*Measurement of the top-quark pair production cross-section in events with two leptons and bottom-quark jets using the full CDF data set*”, by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D88, 091103, 2013

16. “*Precision top-quark mass measurements at CDF*”, by CDF Collaboration (T. Aaltonen et al.), Phys.Rev.Lett., 109, 152003, 2012

17. “*Top Quark Mass Measurement using the Template Method at CDF*”, by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D83, 111101, 2011

18. “*Measurement of the top quark mass at CDF using the “neutrino fit weighting” template method on a lepton plus isolated track sample*”, by CDF Collaboration (T. Aaltonen et al.), Phys. Rev. D 79:072005, 2009

19. “*Precise measurement of the top quark mass in the lepton+jets topology at CDF II*”, by CDF Collaboration (T. Aaltonen et al.), Phys.Rev.Lett., 99, 182002, 2007

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21. “*Measurement of the top quark mass using template methods on dilepton events in p anti- p collisions at $s^{1/2} = 1.96$ -TeV*”, by CDF Collaboration (A. Abulencia et al.), Phys.Rev.D, 73, 112006, 2006

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1. “*Participation of JINR in the CDF Experiment*”, A. Artikov(Dubna, JINR), P. Bartos(Comenius U.), Yu.A. Budagov(Dubna, JINR), V.V. Glagolev(Dubna, JINR), F.V. Prokoshin(Santa Maria U., Valparaiso) et al. (Nov 7, 2018), Phys.Part.Nucl. 49 (2018) 6, 973-1035

2. “*The Top quark and others new phenomena observed at the CDF in p - anti p collisions at $\sqrt{s} = 1.96$ TeV*”, V. B. Flyagin, J. A. Budagov, V.V. Glagolev, I. A. Suslov, ЭЧАЯ, 41, 2010

3. “*Кинематический фит дилептонных событий при измерении массы топ-кварка методом шаблонов*”, Дж.Беллеттини, Ю.А.Будагов, Г.В.Велев, В.В.Глаголев, И.А.Суслов, М.Тривато, Г.А.Члачидзе, Письма в ЭЧАЯ, 6(155), 2009

4. “*Review of the top quark mass measurement at the CDF in p anti- p collisions at $s^{1/2} = 1.96$ TeV*”, Ю.А.Будагов, В.В.Глаголев, И.А.Суслов, ЭЧАЯ, 38(384), 2007

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