

Сведения о ведущей организации по диссертационной работе

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«Разработка и создание экспериментальной установки для прецизионного измерения скорости захвата мюона дейтроном (эксперимент MuSun)», представленной на соискание ученой степени кандидата физико-математических наук по специальности 01.04.01 - Приборы и методы экспериментальной физики

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Список основных публикаций работников структурного подразделения, составляющих отзыв, за последние 5 лет по теме диссертации :

1. Neutral pion photoproduction on tensor-polarized deuterium on the VEPP-3 storage ring. Zevakov S. A., Gauzshteyn V. V., Golovin R. A., Gramolin A. V., Dmitriev V. F., Dusaev R. R., Lazarenko B. A., Mishnev S. I., Nikolenko D. M., Rachek I. A., Sadykov R. Sh, Stibunov V. N., Toporkov D. K., Shestakov Yu. V.

Bulletin of the Russian Academy of Sciences: Physics. Allerton Press Inc.. United States. - P.611-615. - ISSN 10628738. © 2014 Allerton Press, Inc.

2. Tagging system for almost-real photons at VEPP-3 storage ring Shestakov Yu V., Barkov L. M., Dmitriev V. F., Golovin R. A., Kudryavtsev V. N., Lazarenko B. A., Mishnev S. I., Nikolenko D. M., Rachek I. A., Sadykov R. Sh, Stibunov V. N., Toporkov D. K., Shekhtman L. I., Zevakov S. A.

Physics of Particles and Nuclei. Maik Nauka/Interperiodica Publishing. Russian Federation. - P.338-340. - ISSN 10637796. © 2014 Pleiades Publishing, Ltd.

3. Two-photon exchange contribution in elastic electron-proton scattering, experiment at the VEPP-3 storage ring Nikolenko D. M., Arrington J., Barkov L. M., Dmitriev V. F., Gauzshtein V. V., Golovin R. A., Gramolin A. V., Holt R. J., Kaminsky V. V., Lazarenko B. A., Mishnev S.

I., Muchnoi N. Yu, Neufeld V. V., Rachek I. A., Sadykov R. Sh, Shestakov Yu V., Stibunov V. N., Toporkov D. K., De Vries H., Zevakov S. A., Zhilich V. N.

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4. Beam energy measurements for an experiment on elastic $e\pm p$ scattering at the VEPP-3 storage ring Kaminskiy V. V., Gramolin A. V., Mishnev S. I., Muchnoi N. Yu, Neufeld V. V., Nikolenko D. M., Rachek I. A., Toporkov D. K., Zhilich V. N.

Journal of Instrumentation. Institute of Physics. United Kingdom. – ISSN 17480221. © 2014 IOP Publishing Ltd and Sissa Medialab srl.

5. Polarized atomic beam sources: From the very start up to present days Toporkov D. K. Proceedings of Science. - P.. - ISSN 18248039. © Copyright owned by the author(s) under the terms of the Creative Commons Attribution-

NonCommercial-ShareAlike Licence. The history of the creation of sources of polarized particles is considered.

6. A new event generator for the elastic scattering of charged leptons on protons Gramolin A. V., Fadin V. S., Feldman A. L., Gerasimov R. E., Nikolenko D. M., Rachek I. A., Toporkov D. K.

Journal of Physics G: Nuclear and Particle Physics. Institute of Physics Publishing. United Kingdom. - ISSN 09543899. © 2014 IOP Publishing Ltd.

7. Measurement of the components of the tensor analyzing power in the reaction $\gamma d \rightarrow pp\pi$ – at high proton momenta Gauzshtein V. V., Zevakov S. A., Loginov A. Yu, Mishnev S. I., Neufeld V. V., Nikolenko D. M., Rachek I. A., Sidorov A. A., Stibunov V. N., Toporkov D. K., Shestakov Yu V.

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8. Measurement of the Analyzing Power of the Reaction of Photoproduction of Negative Pions in the $\Delta(1232)$ Resonance Region . Gauzshtein V. V., Gramolin A. V., Zevakov S. A., Loginov A. Yu, Nikolenko D. M., Rachek I. A., Sidorov A. A., Toporkov D. K.

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9. Measurement of the two-photon exchange contribution to the elastic $e\pm p$ scattering cross sections at the VEPP-3 storage ring. Rachek I. A., Arrington J., Dmitriev V. F., Gauzshtein V. V., Gerasimov R. E., Gramolin A. V., Holt R. J., Kaminskiy V. V., Lazarenko B. A., Mishnev S. I., Muchnoi N. Yu, Neufeld V. V., Nikolenko D. M., Sadykov R. Sh, Shestakov Yu V., Stibunov V. N., Toporkov D. K., De Vries H., Zevakov S. A., Zhilich V. N.

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10. Proton form factors and two-photon exchange in elastic electron-proton scattering, Nikolenko D. M., Arrington J., Barkov L. M., de Vries H., Gauzshtein V. V., Golovin R. A., Gramolin A. V., Dmitriev V. F., Zhilich V. N., Zevakov S. A., Kaminsky V. V., Lazarenko B. A., Mishnev S. I., Muchnoi N. Yu, Neufeld V. V., Rachek I. A., Sadykov R. Sh, Stibunov V. N., Toporkov D. K., Holt R. J., Shestakov Yu V.

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11. Measuring tensor analyzing power component T_{20} of the coherent photoproduction of a neutral pion on a tensor-polarized deuteron in the VEPP-3 storage ring, Zevakov S. A., Dmitriev V. F., Dusaev R. R., Gauzshteyn V. V., Golovin R. A., Gramolin A. V., Lazarenko B. A., Nikolenko D. M., Mishnev S. I., Rachek I. A., Sadykov R. Sh, Stibunov V. N., Shestakov Yu V., Toporkov D. K.

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13. Polarization of molecules: What we can learn from the nuclear physics efforts? Toporkov D. K., Nikolenko D. M., Rachek I. A., Shestakov Yu V.

Springer proceedings in physics. - P.139-144. © Springer International Publishing Switzerland 2016.

14. High precision energy calibration with resonant depolarization at the VEPP-4M collider, Blinov V. E., Bogomyagkov A. V., Cherepanov V. P., Kiselev V. A., Levichev E. B., Mishnev S. I., Mikaiylov A. I., Muchnoi N. Yu, Nikitin S. A., Nikolaev I. B., Nikolenko D. M., Todyshev K. Yu, Toporkov D. K., Tumaikin G. M., Shamov A. G., Shubin E. I., Zhilich V. N.

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