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| <p><b>Professional experience:</b><br/>2008-2011-Laboratory assistant at the Astana Branch of the Institute of Nuclear Physics;<br/>2011-2015-Engineer of the Astana Branch of the Institute of Nuclear Physics;<br/>2015-till present-Junior Researcher at the Institute of Nuclear Physics;<br/>2013-2016 - Lecturer of the International Department of Nuclear Physics, New Materials and Technologies ;<br/>2015- 2016 - Lecturer of the International Department of Nuclear Physics, New Materials and Technologies<br/>2016- 2020 – Junior Researcher at the JINR (Dubna, Russia)<br/>2020 - till present - Senior lecturer of the International Department of Nuclear Physics, New Technologies and Materials, ENU</p> | <p><b>Research interests:</b><br/>Experimental Nuclear Physics</p>  |
|   | <p><b>Research grants:</b><br/>program executor</p>   |
|   | <p><b>Courses:</b> Introduction to the Physics of the atomic nucleus, Field Theory, Hydrogen energy and nanostructured materials, Detection equipment and Electronics of Nuclear Physics Experiments, Registration and Spectrometry of heavy ions and Products of Nuclear reactions, Nuclear Physics at low energies.</p>   |
|   | <p><b>Publications (favorites):</b></p> <ol style="list-style-type: none"> <li>1. Finding new physics, phenomenological, experimental and astrophysical predictions Das, C.R., Huitu, K., Kurmanaliyev, Z., Mauyey, B., Kärkkäinen, T. Journal of Physics: Conference Series, 2020, 1690(1), 012091</li> <li>2. Elastic and Inelastic Scattering of Deuterons from <math>^{13}\text{C}</math>. Burtebayev, N., Janseitov D.M., Kerimkulov, Z., ...Hamada, S., Aimaganbetov, A. Journal of Physics: Conference Series, 2020, 1555(1), 012028</li> <li>3. Study of <math>^{10}\text{Li}</math> Low Energy Spectrum in the <math>^2\text{H}(^9\text{Li}, p)</math> Reaction, Bezbakh A.A., Bulletin of the Russian Academy of Sciences: Physics, 2020</li> <li>4. Detection of the Low Energy Recoil <math>^3\text{He}</math> in the Reaction <math>^2\text{H}(^8\text{He}, ^3\text{He})^7\text{H}</math>, Muzalevskii I.A., Bulletin of the Russian Academy of Sciences: Physics, 2020<br/>Evidence for the First Excited State of H 7, Bezbakh A.A., Physical Review Letters, 022502, 2020</li> <li>5. Investigation of deuteron scattering from <math>^{13}\text{C}</math> at low energy, Janseitov D.M., Acta Physica Polonica B, 2020</li> <li>6. Study of elastic scattering of <math>^{10}\text{B}</math> ions on <math>^{12}\text{C}</math> nuclei at the energy of 17.5 meV, Amangeldi N., Acta Physica Polonica B, 2020</li> <li>7. Monte Carlo study of the systematic errors in the measurement of the <math>^{15}\text{N}</math> ions scattering from <math>^{11}\text{B}</math>, Satyshev I., AIP Conference Proceedings, 060003, 2019</li> <li>8. Measurement and analysis of <math>^{10}\text{B} + ^{12}\text{C}</math> elastic scattering at energy of 41.3 MeV, Burtebayev N., International Journal of Modern Physics E, 1950028, 2019</li> <li>9. Scattering of <math>^{15}\text{N}</math> ions by <math>^{10,11}\text{B}</math> nuclei at the energy of <math>^{43}\text{MeV}</math>, Burtebayev N., Acta Physica Polonica B, Proceedings Supplement, 2018</li> <li>10. Elastic scattering of <math>^{15}\text{N}</math> ions by <math>^{16}\text{O}</math> at the energy 11.59 MeV, Burtebayev N., Acta Physica Polonica B, 2017</li> <li>11. Study of the elastic scattering of <math>^{20}\text{Ne}</math> on <math>^{16}\text{O}</math> nuclei at energy below the Coulomb barrier, Burtebayev N., Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society, 2017</li> <li>12. Elastic and Inelastic Scattering of Deuterons from <math>^{13}\text{C}</math>, Burtebayev N., Journal of Physics: Conference Series, 012028, 2020</li> </ol> |